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Cincinnati Univ, Ohio Southwestern Ohio Regional Computer Ctr

Prepared for

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Model State Information System Training Program

Volume XII

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Exhibits

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Table of Contents
Vol XII Exhibits

	Page
Acknowledgements	ii
Table of Contents	v
Purpose	1
Form Description of Record Definition	2
List of Exhibits	9
Glossary	28
Appendices	720
Permanent Files and Tables	721
Master File Record Creation & Maintenance Forms Exhibit Number Reference	722
Input Forms and Corresponding Record Definitions	723
Processing Options	727
Restart Options	730
Selection Options	731
Sort Options	732
Permanent File & Table Copy's for Record Definitions and File Descriptions	734

Purpcse

This document contains all input forms, record definitions, report layouts, and turnaround documents associated with the Model State Information System (MSIS) as designed by the SouthWestern Ohio Regional Computer Center (SWORCC). Each exhibit has a number in the format AAAA.NNN where AAAA is the subsystem abbreviation and NNN is a three digit number from one of the follcwing divisions:

A. 100-199 for input forms;

B. 200-299 for record definitions;

C. 300-399 for report layouts; and

D. 400-499 for turnaround documents.

A list of all exhibit numbers as they appear within each subsystem is contained in Section III of this manual.

Form Description of Record Definition

Input forms and report layouts, because of their individual design, will not be described on an individual basis. Turnaround documents within MSIS are defined as input and output documents. As output documents, information is computer generated onto the form. As input documents, information which was not computer generated or which has changed, is filled in within the spaces provided. The form then serves as a keypunch or data entry document.

The "Record Definition" form is used to define the layout of all inputs and outputs used in MSIS, such as Processing Options, input transactions, and permanent files or tables. There are two types of this form. One has a cover page on one side and a detailed field description on the second side. The other type is used to continue with the detailed field description and contains detail lines on both sides. The fields on the cover page contain the following information:

1. OUTPUT OF SUBSYSTEM(S): identifies the subsystem(s) which creates this file.

2. INPUT TO SUBSYSTEM(S): identifies the subsystem(s) which utilizes this file.

3. DATE: contains the date of the original Record Definition or the date it was last updated.

4. EXHIBIT: contains a unique number identifying the Record Definition.

5. RECORD TYPE: states whether the record is fixed or variable length.

6. RECORD SIZE: contains the total record length for fixed type records and the minimum and maximun length for variable type records.

7. PAGE ___ OF ___: contains the specific page number and the total pages of a particular Record Definition.

8. RECORD ACCESS KEY: contains the name(s) of the data element(s) which uniquely identifies this record.

9. FILE NAME: contains the full file name.

10. FILE ID: contains the file initials.

11. RECORD NAME: contains the COBOL copy name of the Record Definition.

The detail page contains the following information:

1. FILE NAME: contains the full file name.

2. FILE ID: contains the file initials.

3. RECORD NAME: contains the "01 level" name of the Record Definition.

4. PAGE ___ OF ___: contains the page number.

5. LEVEL: contains the level number as it appears in the COBOL file structure.

6. MNEMONIC: contains the data element mnemonic name for permanent files and tables. These names are used in the Sort and Selection Processes, as well as on the Data Entry Error Report.

7. PROGRAM NAME: contains the descriptive, complete (up to thirty characters) data element name. This name is used in the COBOL programs to refer to the data element.

8. CAT. NO.: contains the unique catalogue number for all data elements, except group names which contain "GRP", which have been defined in the Data Elements Dictionary (DED). Data elements which were not defined in the DED do not have any catalogue numbers.

9. DATA TYPE: contains "A/N" for alphanumeric or "N" for numeric types of data elements.

10. PICTURE: contains the COBOL picture indicating the number of characters allowed for the data element.

11. OCCUR: contains the number of times a data element or group can be repeated.

12. VAR: "X" indicates the variable portion of a variable length record.

13. POSITIONS FROM/TO: contains the relative start and end positions which are used for the data element or group.

NOTES

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :		DATE:	EXHIBIT:
		RECORD TYPE: RECORD SIZE:	PAGE: OF
		RECORD ACCESS KEY:	
INPUT TO SUBSYSTEM (S) :			
FILE NAME:	FILE ID:	RECORD NAME:	

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME:	FILE ID:	RECORD NAME:	PAGE: OF

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME:	FILE ID:	RECORD NAME:	PAGE: OF

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME:	FILE ID:	RECORD NAME:	PAGE: OF

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO

List of Exhibits

A. Public Water System Inventory Subsystem

1. Input Forms

Exhibit #	Description
PWSI.100	Sort Options for Modules PWSI030 through PWSI080
PWSI.101	Processing Options for Modules PWSI080 and PWSI130
PWSI.102	Inventory of Public Water Supplies, EPA Form 7500-11, Input form (National inventory)
PWSI.103	Processing Options for Module PWSI090
PWSI.104	Intentionally Left Out
PWSI.105	Restart Options for Module PWSI060
PWSI.106	Processing Options for Module PWSI070
PWSI.107	PWF and PHF Selection Form-Definition of Data Elements
PWSI.108	PWF and PHF Selection Form-Definition of Logic for Selection
PWSI.109 and PWSI.110	Intentionally Left Out
PWSI.111	Processing Options for Module PWSI010
PWSI.112	Processing Options for Module PWSI120
PWSI.113	Processing Options for Module PWSI020
PWSI.114	Record Status and Deletion Form

2. Record Definitions

Exhibit #	Description
PWSI.200	Public Water File (PWF) layout
PWSI.201	Public Water Table (PWT) layout
PWSI.202	Public History File (PHF) layout
PWSI.203	National PWS Inventory layout
PWSI.204	Comprehensive Report File header record layout
PWSI.205	Restart Option, PSWI060, layout
PWSI.206	Condensed/Production Data/ Discretionary Report File header record layout
PWSI.207	SEL1 Selection Options, PWSI080, layout
PWSI.208	Processing Options, PSWI070, layout
PWSI.209	Processing Options, PWSI090, layout
PWSI.210	SEL2 Selection Options, PWSI080, layout
PWSI.211	Processing Options, PWSI010, layout
PWSI.212	Processing Options, PWSI130, layout
PWSI.213	Card Code 00, 98, 99 layout
PWSI.214	Card Code 01 layout
PWSI.215	Card Code 02 layout
PWSI.216	Card Code 03 layout
PWSI.217	Card Code 04 layout
PWSI.218	Card Code 05 layout
PWSI.219	Card Code 06 layout
PWSI.220	Card Code 07 layout
PWSI.221	Card Code 08 layout
PWSI.222	Card Code 09 layout
PWSI.223	Card Code 10 layout
PWSI.224	Card Code 11 layout
PWSI.225	Card Code 12 layout
PWSI.226	Card Code 13 layout
PWSI.227	Card Code 14 layout
PWSI.228	Card Code 15 layout
PWSI.229	Card Code 16 layout
PWSI.230 through PWSI.232	Intentionally Left Out
PWSI.233	Card Code 17 layout
PWSI.234	Public Water Table (PWT) header record layout
PWSI.235	Processing Options, PWSI120, layout
PWSI.236	SEL1 Selection Options, PWSI020, layout
PWSI.237	SEL2 Selection Options, PSWI020, layout

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PWSI.238	Processing Options, PWSI020, layout
PWSI.239	Sort Options, PWSI030 through PWSI080, layout
PWSI.240	Processing Options, PWSI080, layout

3. Report Layouts

Exhibit #	Description
PWSI.300	Condensed Report
PWSI.301	State Discretionary Data Report
PWSI.302	Production Data Report
PWSI.303	Comprehensive Report
PWSI.304	Intentionally Left Out
PWSI.305	Conversion Data Report
PWSI.306	PHF Purge Report
PWSI.307	Public Water History Update Report
PWSI.308	Intentionally Left Out
PWSI.309	Update Statistics Report
PWSI.310	Intentionally Left Out
PWSI.311	PHF Selection Report
PWSI.312	PHF Purge Statistics Report
PWSI.313	Intentionally Left Out
PWSI.314	PWT Create Statistics Report

4. Turnaround Documents

PWSI.400	Public Water File (PWF) Record Creation and Maintenance Form, page 1 (Turnaround Document)
PWSI.401	Public Water File (PWF) Record Creation and Maintenance Form, page 2 (Turnaround Document)

B. Regulations Subsystem

1. Input Forms

Exhibit #	Description
REGS.100	Processing Options for Module REGS010
REGS.101	Chemical Contaminant Input Form
REGS.102	Turbidity Contaminant Input Form
REGS.103	Population Table for Bacteriological Sampling Input Form
REGS.104	Bacteriological Contaminant Input Form
REGS.105	Fluoride MCL Table Input Form
REGS.106	Major Beta Emitter Table Input Form
REGS.107	Gross Alpha Radionuclide Contaminant Input Form
REGS.108	Gross Beta Radionuclide Contaminant Input Form
REGS.109	Processing Options for Module REGS020

2. Record Definitions

Exhibit #	Description
REGS.200	Card Code C1 layout
REGS.201	Card Code C2 layout
REGS.202	Card Code T1 layout
REGS.203	Card Code P1 layout
REGS.204	Card Code M1 layout
REGS.205	Card Code P1 layout
REGS.206	Card Code E1 layout
REGS.207	Card Code A1 layout
REGS.208	Card Code B1 layout
REGS.209	Processing Options, REGS020, layout
REGS.210	Processing Options, REGS010, layout
REGS.211 through REGS.249	Intentionally Left Out
REGS.250	Chemical Regulations layout
REGS.251	Turbidity Regulations layout

REGS.252	Bacteriological Population Regulations layout
REGS.253	Bacteriological Regulations layout
REGS.254	Fluoride MCL Regulations layout
REGS.255	Major Beta Emitter Regulations layout
REGS.256	Gross Alpha Regulations layout
REGS.257	Gross Beta Regulations layout

3. Report Layouts

Exhibit #	Description
REGS.300	Intentionally Left Out
REGS.301	Regulations Report - Chemical Contaminants
REGS.302	Regulations Report - Turbidity Contaminant
REGS.303	Regulations Report - BACTI Population Table Sample
REGS.304	Regulations Report - Bacteriological Contaminant
REGS.305	Regulations Report - Fluoride MCL Table
REGS.306	Regulations Report - Major Beta Emitters Table
REGS.307	Regulations Report - Gross Alpha Contaminants
REGS.308	Regulations Report - Gross Beta Contaminants

C. Water Quality Compliance Subsystem

1. Input Forms

Exhibit #	Description
WAQC.100	Processing Options for Module WAQC210
WAQC.101	Laboratory Table Input Form, page 1
WAQC.102	Laboratory Table Input Form, page 2
WAQC.103	Processing Options for Modules WAQC010 and WAQC020
WAQC.104	Sort Options for Modules WAQC011, WAQC040 through WAQC090, and WAQC110 through WAQC113
WAQC.105	Sample Deletion Transactions Input Form for the Periodic Sample File.
WAQC.106	Chemical or Radiological Analysis Input Form
WAQC.107	Bacteriological or Turbidity Analysis Input Form
WAQC.108	Bacteriological or Turbidity Summary Analysis Input Form
WAQC.109	Intentionally Left Out
WAQC.110	Sample Deletion Transactions Input Form for the Sample Analysis File
WAQC.111	Processing Options for Modules WAQC011 and WAQC125
WAQC.112	Intentionally Left Out
WAQC.113	Processing Options for Module WAQC220
WAQC.114	Processing Options for Module WAQC130
WAQC.115	Processing Options for Module WAQC100
WAQC.116	SAF and VIF Selection Form - Definition of Data Elements
WAQC.117	SAF and VIF Selection Form - Definition of Logic for Selection
WAQC.118	Processing Options for Module WAQC120
WAQC.119	Violations File (VIF) Record Creation and Maintenance Form, page 1

WAQC.120	Violations File (VIF) Record Creation and Maintenance Form, page 2
WAQC.121	Processing Options for Module WAQC025
WAQC.122 and WAQC.123	Intentionally Left Out
WAQC.124	Sample Scheduling Input Form
WAQC.125	Restart Options for Modules WAQC150, WAQC170, and WAQC180

2. Record Definitions

Exhibit #	Description
WAQC.200	Processing Options, WAQC210, layout
WAQC.201	Card Code L1 layout
WAQC.202	Card Code L2 layout
WAQC.203	Processing Option, WAQC010, layout
WAQC.204	Sort Options, WAQC011, layout
WAQC.205	Sample Deletion Transactions - PSF layout
WAQC.206	Transaction Code 03 and 05 layout
WAQC.207	Transaction Code 07 layout
WAQC.208	Intentionally left out
WAQC.209	Processing Options, WAQC020, layout
WAQC.210	Sample Deletion Transactions - SAF layout
WAQC.211	Intentionally Left Out
WAQC.212	Sort Options, WAQC040 through WAQC090 and WAQC110 through WAQC113, layout
WAQC.213	Violations Report File header record layout
WAQC.214	Processing Options, WAQC011, layout
WAQC.215	Processing Options, WAQC220, layout
WAQC.216	Violations Report File (MCL) layout
WAQC.217	Intentionally Left Out
WAQC.218	Processing Options, WAQC025, layout
WAQC.219	Scheduling Report File header record layout
WAQC.220	Scheduling Report File layout
WAQC.221	Compliance File header record layout
WAQC.222	Processing Options, WAQC120, layout
WAQC.223	Card Code 00 and 99 layout

WAQC.224	Card Code 01 layout
WAQC.225	Card Code 02 layout
WAQC.226 and WAQC.227	Intentionally Left Out
WAQC.228	Analysis Report File header record layout
WAQC.229 and WAQC.230	Intentionally Left Out
WAQC.231	Violations Report File (Sampling) layout
WAQC.232	Violations Report File (Operations Report) layout
WAQC.233	Processing Options, WAQC100, layout
WAQC.234	Analysis Report File (Chemical and Radiological) layout
WAQC.235	Analysis Report File (Bacteriological and Turbidity) layout
WAQC.236	Processing Options, WAQC125, layout
WAQC.237	SEL1 Selection Options, WAQC125, layout
WAQC.238	SEL2 Selection Options, WAQC125, layout
WAQC.239	Intentionally Left Out
WAQC.240	SEL1 Selection Options, WAQC100, layout
WAQC.241	SEL2 Selection Options, WAQC100, layout
WAQC.242	Labels Report File layout
WAQC.243	Labels Report File header record layout
WAQC.244	Processing Options, WAQC130, layout
WAQC.245	Sample Scheduling Transaction layout
WAQC.246	Restart Options, WAQC150, WAQC170, and WAQC180, layout
WAQC.247 through WAQC.249	Intentionally Left Out
WAQC.250	Laboratory Table (LBT) layout
WAQC.251	Periodic Sample File (PSF) header record layout
WAQC.252	Periodic Sample File (PSF) layout
WAQC.253	Intentionally Left Out
WAQC.254	Sample Analysis File (SAF) layout
WAQC.255	Violations File (VIF) layout
WAQC.256	Laboratory Table (LBT) header record layout
WAQC.257	Compliance Status File (CSF) layout

3. Report Layouts

Exhibit #	Description
WAQC.300	Laboratory Table Report
WAQC.301	Update Report - Periodic Sample File

WAQC.302	Intentionally Left Out
WAQC.303	Input Transactions Report - Periodic Sample File
WAQC.304	Sample Analysis File Deletion Report
WAQC.305	Intentionally Left Out
WAQC.306	Chemical MCL Violations Report
WAQC.307	Bacteriological MCL Violations Report
WAQC.308	Turbidity MCL Violations Report
WAQC.309	Radiological MCL Violations Report
WAQC.310	Chemical Sampling Violations Report
WAQC.311	Bacteriological Sampling Violations Report
WAQC.312	Turbidity Sampling Violations Report
WAQC.313	Radiological Sampling Violations Report
WAQC.314	Intentionally Left Out
WAQC.315	Sample Analysis File Purge Report
WAQC.316	Sample Analysis File Purge Statistics Report
WAQC.317 and WAQC.318	Intentionally Left Out
WAQC.319	PWS's Scheduled for Chemical and Radiological Sampling
WAQC.320	Compliance Summary Report
WAQC.321	Summary of Chemical Analysis Report
WAQC.322	Summary of Radiological Analysis Report
WAQC.323	Summary of Bacteriological Analysis Report
WAQC.324	Summary of Turbidity Analysis Report
WAQC.325	Late Monthly Operations Report
WAQC.326	Violations Warnings Report
WAQC.327	Completion Report
WAQC.328	Intentionally left out
WAQC.329	Mailing Labels
WAQC.330	Operations Report Form

4. Turnaround Documents

Exhibit #	Description
WAQC.400	Chemical or Radiological Analysis Input Form (Turnaround Document)
WAQC.401	Bacteriological or Turbidity Analysis Input Form (Turnaround Document)
WAQC.402	Bacteriological or Turbidity Summary Analysis Input Form (Turnaround Document)

D. Federal Reporting Subsystem

1. Input Forms

Exhibit #	Description
FEDR.100	Processing Options for Module FEDR010

2. Record Definitions

Exhibit #	Description
FEDR.200	Processing Options, FEDR010, layout
FEDR.201	Processing Options, FEDR020, layout (internally generated)
FEDR.202	Deviations File (DVF) layout

3. Report Layouts

Exhibit #	Description
FEDR.300	Completion Report

E. Standard Processing Subsystem

1. Input Forms

Exhibit #	Description
MSIS.100	Processing Options for Module MSIS050
MSIS.101	Processing Options for Modules MSIS030 and MSIS040
MSIS.102	Error Message Table Input Form
MSIS.103	Code Value Table Input Form
MSIS.104	Data Element Table Input Form
MSIS.105	Intentionally Left Out
MSIS.106	SHF Selection Form - Definition of Data Elements
MSIS.107	SHF Selection Form - Definition of Logic for Selection
MSIS.108	Sort Options for Module MSIS040

2. Record Definitions

Exhibit #	Description
MSIS.200	Processing Options, MSIS020, layout (internally generated)
MSIS.201	Data Element Table (DET) layout
MSIS.202	Standard History File (SHF) layout
MSIS.203	Processing Options, MSIS050, layout
MSIS.204	Processing Options, MSIS030 and MSIS040, layout
MSIS.205	Error Message Table (EMT) layout
MSIS.206	Code Value Table (CVT) layout
MSIS.207	Standard Error File (SEF) layout
MSIS.208	Processing Options, MSIS010, layout (internally generated)
MSIS.209	Intentionally Left Out
MSIS.210	SEL1 Selection Options, MSIS040, layout
MSIS.211	SEL2 Selection Options, MSIS040, layout
MSIS.212	Sort Options, MSIS040, layout
MSIS.213	SHF Purged file and MSIS020 input layout
MSIS.214	Intentionally Left Out
MSIS.215	Optional Error File (OEF) layout

3. Report Layouts

Exhibit #	Description
MSIS.300	Standard Update Statistics Report
MSIS.301	Update Report
MSIS.302	Error Message Table Report
MSIS.303	Code Value Table Report
MSIS.304	Data Element Table Report
MSIS.305	Purge of the Standard History File Report
MSIS.306	Standard Selection Statistics/Sort Sequence Report
MSIS.307	Selection of the Standard History File Report
MSIS.308	Error in Card Code Report
MSIS.309	Standard Error Report
MSIS.310	Standard Warning Report
MSIS.311	Standard Sort Sequence Report
MSIS.312	Standard Selection Statistics Report
MSIS.313	Data Entry Error Report

F. Variances and Exemptions Subsystem

1. Input Forms

Exhibit #	Description
VAEX.100	Variances and Exemptions File (VEF) Record Creation and Maintenance Form, page 1
VAEX.101	Variances and Exemptions File (VEF) Record Creation and Maintenance Form, page 3
VAEX.102	Processing Options for Module VAEX010
VAEX.103	Sort Options for Module VAEX040
VAEX.104	Processing Options for Module VAEX040
VAEX.105	VEF Selection Form - Definition of Data Elements
VAEX.106	VEF Selection Form - Definition of Logic for Selection
VAEX.107	Variances and Exemptions File (VEF) Record Creation and Maintenance Form, page 2

2. Record Definitions

Exhibit #	Description
VAEX.200	Card Code 00 and 99 layout
VAEX.201	Card Code 01 layout
VAEX.202	Card Code 02 through 09 and 10 through 17 layout
VAEX.203	Card Code 20 layout
VAEX.204	Card Code 21 through 24 layout
VAEX.205	Card Code 25 layout
VAEX.206	Processing Options, VAEX010, layout
VAEX.207	Sort Options, VAEX040, layout
VAEX.208	Compliance in Arrears Report file layout
VAEX.209	Compliance Schedule Report file layout
VAEX.210	Condensed/Case History Report file layout
VAEX.211	Compliance Schedule Report file header record layout
VAEX.212	Variances and Exemptions File (VEF) layout
VAEX.213	Condensed/Case History Report file header record layout

VAEX.214	Processing Options VAEX040, layout
VAEX.215	SEL1 Selection Options, VAEX040, layout
VAEX.216	SEL2 Selection Options, VAEX040, layout
VAEX.217	Compliance in Arrears Report file header record layout

3. Report Layouts

Exhibit #	Description
VAEX.300 and VAEX.301	Intentionally Left Out
VAEX.302	Compliance Schedule Report
VAEX.303	Compliance Schedule Report (page 2)
VAEX.304	Compliance in Arrears Report
VAEX.305	Compliance in Arrears Report (page 2)
VAEX.306	Condensed Report
VAEX.307	Case History Report
VAEX.308	Case History Report (page 2)

G. Enforcement Actions Subsystem

1. Input Forms

Exhibit #	Description
ENAC.100	Processing Options for Module ENAC010
ENAC.101	Enforcement Actions File (EAF) Record Creation and Maintenance Form, page 1
ENAC.102	Enforcement Actions File (EAF) Record Creation and Maintenance Form, page 2
ENAC.103	Enforcement Actions File (EAF) Record Creation and Maintenance Form, page 3
ENAC.104	Enforcement Actions File (EAF) Record Creation and Maintenance Form, page 4
ENAC.105	Processing Options for Module ENAC020
ENAC.106	Sort Options for Module ENAC020
ENAC.107	EAF Selection Form - Definition of Data Elements
ENAC.108	EAF Selection Form - Definition of Logic for Selection

2. Record Definitions

Exhibit #	Description
ENAC.200	Condensed/Case Hisotry Report file layout
ENAC.201	Processing Options, ENAC010, layout
ENAC.202	Enforcement Actions File (EAF) layout
ENAC.203	Condensed/Case History Report file header record layout
ENAC.204	Card Code 00, 98, and 99 layout
ENAC.205	Card Code 01 layout
ENAC.206	Card Code 02 layout
ENAC.207	Card Code 03 layout
ENAC.208	Card Code 04 layout
ENAC.209	Card Code 05 through 14 layout
ENAC.210	Card Code 15 layout
ENAC.211	Processing Options, ENAC020, layout
ENAC.212	Sort Options, ENAC020, layout
ENAC.213	SEL1 Selection Options, ENAC020, layout
ENAC.214	SEL2 Selection Options, ENAC020, layout

3. Report Layouts

Exhibit #	Description
ENAC.300	Case History Report
ENAC.301	Condensed Report

H. Sanitary Survey Subsystem

1. Input Forms

Exhibit #	Description
SRVY.100	Processing Options for Module SRVY010
SRVY.101	Sort Options for Module SRVY010

2. Record Definitions

Exhibit #	Description
SRVY.200	Processing Options, SRVY010, layout
SRVY.201	Sort Options, SRVY010, layout
SRVY.202	Intentionally Left Out
SRVY.203	Priority Report file layout
SRVY.204	Priority Report file header record layout
SRVY.205	Survey Schedule Report file layout
SRVY.206	Survey Schedule Report file header record layout

3. Report Layouts

Exhibit #	Description
SRVY.300	Priority Report
SRVY.301	Schedule Report

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I. Operator and Mailing Subsystem

1. Input Forms

Exhibit #	Description
OPER.100	Operator and Mailing File (OMF) Record Creation and Maintenance Form
OPER.101	Processing Options for Module OPER010
OPER.102	Processing Options for Module OPER020
OPER.103	Sort Options for Module OPER020
OPER.104	OMF Selection Form - Definition of Data Elements
OPER.105	OMF Selection Form - Definition of Logic for Selection

2. Record Definitions

Exhibit #	Description
OPER.200	Operator and Mailing File (OMF) layout
OPER.201	Card Code 01 layout
OPER.202	Card Code 02 layout
OPER.203	Card Code 03 layout
OPER.204	Card Code 00 and 99 layout
OPER.205	Operator Report file layout
OPER.206	Distribution Report file layout
OPER.207	Operator Report file header record layout
OPER.208	Distribution Report file header record layout
OPER.209	Processing Options, OPER010, layout
OPER.210	Processing Options, OPER020, layout
OPER.211	Mailing Labels Report file layout
OPER.212	Sort Options, OPER020, layout
OPER.213	SEL1 Selection Options, OPER020, layout
OPER.214	SEL2 Selection Options, OPER020, layout
OPER.215	Mailing Labels Report file header record layout

3. Report Layouts

Exhibit #	Description
OPER.300	Operator Activity Report
OPER.301	Certified Operators Report
OPER.302	Mailing Distribution Report
OPER.303	Addressee Activity Report
OPER.304	Mailing Labels

Glossary

Terms are included in this glossary only if their meaning differs from those found in a standard English language dictionary.

Analysis:

The separation of any abstract entity or material into its constituant elements, such as chemical-intentionally produced decomposition or separation of materials into their ingredients to find their kind or quality.

Analysis Method:

The method or technique utilized to obtain analysis results.

Analytical Techniques:

The methods used to determine the components of a substance, especially raw water.

Batch Processing:

A procedure in which a number of transactions, for example on keypunched cards, are accumulated before being processed together.

Check Sampling:

The act of acquiring additional quantities of water for analysis over and above the regular samples due to the suspicion of violating maximum contaminant levels.

Code:

A system used for brevity of communication in which arbitrarily chosen words, letters, or symbols are assigned definite meanings.

Computer:

A machine which accepts input data, processes it, and gives output data.

Computer Program:

A sequence of computer-readable instructions used in conjunction with appropriate data to perform specified logical tasks.

Correction:

Additions, deletions, or changes to a computer file.

Course:

All content taught in one individual MSIS training program volume. A course is subdivided into units.

Data:

Raw facts or statistics which alone have little or no meaning, but as a group allow some meaningful relationships to be drawn.

Data Element:

An identifiable item of information within a record. See the Data Element Dictionary for all data elements used in MSIS.

Data Processing:

The act of manipulating information to obtain a desired result, especially with the use of a computer.

Economical:

Of or pertaining to the financial reasons for granting variances and exemptions.

Enforcement:

The act of creating and maintaining compliance using coercive methods.

Enforcement Action:

An action intended to generate compliance.

Exemption:

The right to ignore a requirement with respect to a maximum contaminant level or treatment technique due to compelling factors.

Field:

See data element.

File:

A collection of records systematically arranged to facilitate quick reference; may be stored on magnetic tape or magnetic disk.

Goal:

A general achievement toward which effort is directed.

Gross Alpha:

A group of substances which emit Alpha particle radiation.

Gross Beta:

A group of substances which emit Beta particle radiation.

Hardware:

The physical equipment in a data processing system (contrasted with software)

Input:

Information which is specially prepared for acceptance by computer programs. Usually written down on special forms, then put into machine-readable form by, for example, keypunching.

Internal:

Data processing occurring within the computer automatically according to instructions from computer programs.

Information:

Data that has been processed to obtain specific results which increase knowledge of the recipient and is used as the basis for decision making.

Inorganic:

Of or pertaining to substances that are not hydrocarbons or their derivatives.

Integrity:

Presumed reliability of data.

Inventory:

A detailed, descriptive list, for example, of Public Water Systems.

Law:

The Safe Drinking Water Act, especially as expanded by the related EPA regulations.

Magnetic disk:

A device which stores data on the magnetizable surfaces of one or more rotating disks, which look like a stack of phonograph records.

Magnetic tape:

A device which stores data on the magnetizable surface of a long strip of tape (the tape is typically 1 inch wide and 2400 feet long).

Maintain:

Actions taken to ensure up-to-date computer files.

Management Information System:

An organized method of maintaining facts pertinent to the governing of the operations of an organization.

Model State Information System:

(MSIS), a batch computer system designed to (1) maintain records on Public Water Systems and the quality of the water they supply, and (2) prepare reports.

Monitor:

The act of (1) a PWS observing and checking water quality or (2) a State observing and checking PWS's.

National Inventory File:

A computerized list of many Public Water Systems in the United States; previously used to monitor Public Water Systems quality.

Objective:

A specific achievement that efforts are intended to attain.

Online Processing:

A procedure for inputting data, often by typewriter terminal, into the computer whenever needed for immediate data processing.

Operator:

One who runs a Public Water System.

Organic:

Of or pertaining to substances that are hydrocarbons or their derivatives.

Output:

Any information passed from the computer.

Primacy:

Primary enforcement responsibility for carrying out the Safe Drinking Water Act of 1974.

Public Water System:

(PWS), a set of components for the provision of piped water to persons for human consumption, if such facility has at least fifteen service connections or regularly serves at least twenty-five individuals.

Purge:

To remove from a computer file those items no longer desired.

Raw Water:

Water at the source before any treatment.

Record:

A logical group of data elements.

Regulation:

A rule, created by EPA, within the guidelines established by the SDWA and having the same authority.

Report:

Information formatted by the computer in either human-readable form (such as a printed or microfiche report) or machine-readable form (such as a magnetic tape).

Sample:

A portion of the whole to represent the whole, especially water.

Sanitary Survey:

An on-site review of the water source, facilities, equipment, operation, and maintenance of a Public Water System for the purpose of evaluating the adequacy of such source for producing, and distributing safe drinking water.

Selection Process:

The method used by MSIS for selecting information from a computer file for use in a report. Many different criteria can be used in the selection of the data.

Software:

The computer programs required for the computer to work.

Subsystem:

A subset of the MSIS computer system. There are nine MSIS subsystems.

System:

A method or methods of accomplishing a function or functions, especially with a computer.

Table:

A computer file of brief information usually set up in logical relationships to permit quick access, often on magnetic disk.

Turnaround Document:

A form containing computer-printed information which needs additional information written on it; called "turnaround" since it is both an output and an input.

Unit:

A subset of teaching material within a course.

Update:

To bring up to date; revise with corrections and additions.

Variance:

The right to deviate from an applicable national drinking water regulation because of characteristics of the raw water source which are available, and which cannot be corrected by available means.

Violation:

Infringement or infraction of the law.

PWSI030,040,
050,060,
070,080

MODEL STATE INFORMATION SYSTEM

PUBLIC WATER SYSTEM INVENTORY SUBSYSTEM

PWSI.100

SORT OPTIONS FOR JOB _____

CARD ID	SORT SEQUENCE	MNEMONIC NAME OF DATA ELEMENT	SORT MODE	
S O R T (1-4)	(5-6)	(7-16)	(17)	A=ASCENDING D=DESCENDING
	(18-19)	(20-29)	(30)	A=ASCENDING D=DESCENDING
	(31-32)	(33-42)	(43)	A=ASCENDING D=DESCENDING
	(44-45)	(46-55)	(56)	A=ASCENDING D=DESCENDING
	(57-58)	(59-68)	(69)	A=ASCENDING D=DESCENDING

PREPARED BY _____ DATE __/__/__

APPROVED BY _____ DATE __/__/__

PWSI080,130

MODEL STATE INFORMATION SYSTEM
PUBLIC WATER SYSTEM INVENTORY SUBSYSTEM

PWSI.101

PROCESSING OPTIONS FOR JOB _____

CARD ID

P	A	O	C

1-4

DATE

M D Y

5-10

PREPARED BY _____ DATE __/__/__

PREPARED BY _____ DATE __/__/__

PWSI.102

U.S. ENVIRONMENTAL PROTECTION AGENCY
WATER PROGRAM OPERATIONS (WH-[illegible])
WASHINGTON, D.C. [illegible]

INVENTORY OF PUBLIC WATER SUPPLIES
(See instructions on the reverse)

KEY IDENTIFICATION NUMBER

NAME OF WATER UTILITY

ADDRESS

CITY

COUNTY

STATE | ZIP | PHONE AREA CODE | TELEPHONE NUMBER

UTILITY OWNER (Check one) (146)

☐ MUNICIPALITY, DISTRICT, ETC. ☐ INVESTOR ☐ FEDERAL ☐ STATE ☐ OTHER (Specify in remarks)

RETAIL POPULATION SERVED | NUMBER SERVICES | NUMBER METERS

NUMBER OF WHOLESALE CUSTOMERS

PREDOMINENT CHARACTERISTIC(S) OF YOUR SERVICE AREA

COMMUNITY	COMPANY TOWN	RECREATION AREA	MOBILE HOME PARK	INSTITUTION	SCHOOL OR COLLEGE	HOTEL	RESTAURANT	SERVICE STATION	CAMPGROUND	PICNIC AREA	LODGE	MARINA	SKI RESORT	BATHING AREA	VISITOR CENTER	HIGHWAY SAFETY REST AREA	AIRPORT	OTHER (Specify in remarks)

CAPACITIES

PRODUCTION, NORMAL OPERATION (Gal/Day) | EMERGENCY POWER ONLY (Gal/Day)

DISTRIBUTION STORAGE, GRAVITY FLOW (Gallons)

PRODUCTION

AVERAGE DAY (Gal/Day) | MAXIMUM DAY (Gal/Day)

DATE FORM COMPLETED

SOURCE			INTAKE LOCATION			MARK (One only)			TREATMENT												LAB CONTROL		
			LATITUDE / LONGITUDE																				
NO.		NAME	DEG	MIN	SEC	SURFACE	GROUND	PURCHASED	AERATION	PRECHLORINATION	COAGULATION	SEDIMENTATION	FILTRATION	CORROSION CONTROL	softening	TASTE AND ODOR CONTROL	IRON REMOVAL	AMMONIATION	FLUORIDE ADJUSTMENT	DISINFECTION	CHEMICAL	BACTERIAL	PHYSICAL
01	R																						
	A																						
02	R																						
	A																						
03	R																						
	A																						
04	R																						
	A																						

REMARKS (Up to 30 characters) (103 – 132)

EPA Form 7200-11 (9-74) REPLACES EPA-10 (CHI) WHICH IS OBSOLETE.

PWSI090

MODEL STATE INFORMATION SYSTEM
PUBLIC WATER SYSTEM INVENTORY SUBSYSTEM

PWSI.103

PROCESSING OPTIONS FOR JOB _____

CARD ID

P	R	O	C
1-4			

DATE M D Y

5-10					

DATE M D Y

14-19					

DATE USED TO DETERMINE WHICH RECORDS ARE TO BE PURGED

PUBLIC HISTORY REPORT OPTION: ☐ 20

SELECT THE CODE FOR THE TYPE OF HISTORY REPORT TO BE PRINTED:
Y = PRODUCE PUBLIC HISTORY FILE PURGE REPORT
N = DO NOT PRODUCE THE PUBLIC HISTORY FILE PURGE REPORT

PREPARED BY _____ DATE __/__/__

APPROVED BY _____ DATE __/__/__

EXHIBIT NO. PWSI.104

has been intentionally left out.

PWSI060

MODEL STATE INFORMATION SYSTEM

PWSI.105

PUBLIC WATER SYSTEM INVENTORY SUBSYSTEM

RESTART FORM FOR JOB _____

CARD ID	RESTART NUMBER
R E S T A R T	
1 - 7	8 - 14

PREPARED BY _____ DATE __/__/__

APPROVED BY _____ DATE __/__/__

PWSI070

MODEL STATE INFORMATION SYSTEM

PWSI.106

PUBLIC WATER SYSTEM INVENTORY SUBSYSTEM

PROCESSING OPTIONS FOR JOB _____

CARD ID	DATE M D Y
P A 0 C	
1-4	5-10

STANDARD ERROR PROCESSING OPTIONS:

☐ 11 Y = YES CREATE A SPECIAL OUTPUT FILE OF ERROR RECORDS
N = NO

☐ 12 Y = YES PRINT ONLY THE DATA ELEMENT FIELDS WHICH WERE IN ERROR - NOT THE ENTIRE RECORD
N = NO

PUBLIC HISTORY REPORT OPTION:

☐ 13 SELECT THE CODE FOR THE TYPE OF HISTORY REPORT TO BE PRINTED
1 = ONLY NEW PUBLIC HISTORY FILE RECORDS
2 = ALL THE PUBLIC HISTORY FILE RECORDS WHICH WERE EVER CREATED FROM THIS SUBSYSTEM
3 = DO NOT PRINT A REPORT

PREPARED BY _____ DATE __/__/__

APPROVED BY _____ DATE __/__/__

PWSI020,080

MODEL STATE INFORMATION SYSTEM

PWSI.107

PUBLIC WATER SYSTEM INVENTORY SUBSYSTEM

SELECTION FORM - DEFINITION OF DATA ELEMENTS

CARD ID	DATA ELEMENT MNEMONIC NAME	DATA ELEMENT COMPARATIVE VALUE	DATA ELEMENT LOGIC ID NO.
S E L I			
1-4	5-14	15-29	30-31
DUP 1 - 4			

PREPARED BY _____ DATE __/__/__

APPROVED BY _____ DATE __/__/__

PWSI020,080

MODEL STATE INFORMATION SYSTEM
PUBLIC WATER SYSTEM INVENTORY SUBSYSTEM

PWSI.108

SELECTION FORM - DEFINITION OF LOGIC FOR SELECTION

RELATION SYMBOLS: LT = LESS THAN GT = GREATER THAN NG = NOT GREATER THAN
EQ = EQUAL NL = NOT LESS THAN NX = NOT EXISTS (EMPTY)

CARD ID	DATA ELEMENT LOGIC ID NO.	RELATION SYMBOL	DATA ELEMENT LOGIC ID NO.	RELATION SYMBOL	DATA ELEMENT LOGIC ID NO.	RELATION SYMBOL	DATA ELEMENT LOGIC ID NO.	RELATION SYMBOL
SEL2 (1-4)	01	5-6	02	7-8	03	9-10	04	11-12
	05	13-14	06	15-16	07	17-18	08	19-20
	09	21-22	10	23-24	11	25-26	12	27-28
	13	29-30	14	31-32	15	33-34	16	35-36
	17	37-38	18	39-40	19	41-42	20	43-44
	21	45-46	22	47-48	23	49-50	24	51-52
	25	53-54	26	55-56	27	57-58	28	59-60
	29	61-62	30	63-64	31	65-66	32	67-68
	33	69-70	34	71-72	35	73-74		

PREPARED BY _____ DATE __/__/__

APPROVED BY _____ DATE __/__/__

EXHIBIT NO.'s PWSI.109 and 110

have been intentionally left out.

PWSI010

MODEL STATE INFORMATION SYSTEM

PWSI.111

PUBLIC WATER SYSTEM INVENTORY SUBSYSTEM

PROCESSING OPTIONS FOR JOB _____

CARD ID: P A O C (1-4)

DATE: M D Y (5-10)

STANDARD ERROR PROCESSING OPTIONS:

☐ 11 Y = YES. CREATE A SPECIAL FILE OF ERROR RECORDS
N = NO

☐ 12 Y = YES PRINT ONLY THE DATA ELEMENTS FIELDS WHICH WERE IN ERROR - NOT THE ENTIRE RECORD
N = NO

REPORT OPTIONS:

☐ 14 NEW PWS RECORDS (ALL OPTIONS ALLOWED)

☐ 15 INCOMPLETE PWS RECORDS (OPTIONS 2 OR 3 ONLY)

☐ 16 PWS STATUS REQUESTS (OPTIONS 2 OR 3 ONLY)

☐ 17 UNSUCCESSFUL UPDATE RECORDS (ALL OPTIONS ALLOWED)

OPTIONS FOR COLUMNS 14 - 17:
1 = DO NOT PRODUCE A REPORT
2 = PRODUCE REPORT ON PRE-PRINTED STATUS AND ENTRY FORM (TURNAROUND DOCUMENT)
3 = PRODUCE COMPREHENSIVE REPORT

PREPARED BY _____ DATE __/__/__

APPROVED BY _____ DATE __/__/__

PWSI120

MODEL STATE INFORMATION SYSTEM

PUBLIC WATER SYSTEM INVENTORY SUBSYSTEM

PWSI.112

PROCESSING OPTIONS FOR JOB _____

CARD ID

P	R	O	C

1-4

DATE

M D Y

5-10

POSTAL STATE CODE

11-12

PREPARED BY _____ DATE __/__/__

APPROVED BY _____ DATE __/__/__

PWSI020

MODEL STATE INFORMATION SYSTEM

PWSI.113

PUBLIC WATER SYSTEM INVENTORY SUBSYSTEM

PROCESSING OPTIONS FOR JOB _____

CARD ID: P R O C (1-4)

DATE: M D Y (5-10)

SELECT THE CODE FOR THE TYPE OF REPORTS TO BE PRINTED:

PWSI030: ☐ (14)
Y = YES, PRODUCE CONDENSED REPORT
N = NO REPORT IS PRODUCED

PWSI040: ☐ (15)
Y = YES, PRODUCE PRODUCTION AND CAPACITY DATA REPORT
N = NO REPORT IS PRODUCED

PWSI050: ☐ (16)
Y = YES, PRODUCE STATE DISCRETIONARY DATA REPORT
N = NO REPORT IS PRODUCED

PWSI060: ☐ (17)
1 = NO REPORT IS PRODUCED
2 = YES, PRODUCE THE STATUS AND ENTRY FORM (TURNAROUND DOCUMENT)
3 = YES, PRODUCE COMPREHENSIVE REPORT

PREPARED BY _____ DATE ___/___/___

APPROVED BY _____ DATE ___/___/___

PWSI010

MODEL STATE INFORMATION SYSTEM

PWSI.114

PUBLIC WATER SYSTEM INVENTORY SUBSYSTEM

RECORD STATUS AND DELETION FORM

PWS-ID (1-7)	CARD CODE (8-9)	CARD CODES:	
☐☐☐☐☐☐☐	☐☐	98 = PRODUCE STATUS RECORD 99 = DELETE PWF RECORD	☐ Y 10
☐☐☐☐☐☐☐	☐☐	98 = PRODUCE STATUS RECORD 99 = DELETE PWF RECORD	☐ Y
☐☐☐☐☐☐☐	☐☐	98 = PRODUCE STATUS RECORD 99 = DELETE PWF RECORD	☐ Y
☐☐☐☐☐☐☐	☐☐	98 = PRODUCE STATUS RECORD 99 = DELETE PWF RECORD	☐ Y
☐☐☐☐☐☐☐	☐☐	98 = PRODUCE STATUS RECORD 99 = DELETE PWF RECORD	☐ Y
☐☐☐☐☐☐☐	☐☐	98 = PRODUCE STATUS RECORD 99 = DELETE PWF RECORD	☐ Y
☐☐☐☐☐☐☐	☐☐	98 = PRODUCE STATUS RECORD 99 = DELETE PWF RECORD	☐ Y
☐☐☐☐☐☐☐	☐☐	98 = PRODUCE STATUS RECORD 99 = DELETE PWF RECORD	☐ Y

PREPARED BY _____ DATE __/__/__

APPROVED BY _____ DATE __/__/__

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Public Water System Inventory
Federal Reporting

DATE: 11-18-76

EXHIBIT: PWSI.200

RECORD TYPE: Variable

RECORD SIZE: 706 to 1606

PAGE: 1 OF 12

RECORD ACCESS KEY:

PWF-ID

INPUT TO SUBSYSTEM (S) :

Public Water System Inventory
Water Quality Compliance
Federal Reporting
Sanitary Survey

FILE NAME: Public Water File

FILE ID: PWF

RECORD NAME: PWF-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Public Water File	FILE ID: PWF	RECORD NAME: PWF-RECORD	PAGE: 2 OF 12

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PWF-RECORD	GRP					1	1606
03		PWF-KEY	GRP					1	7
05	PW-ID	PWF-ID	145	A/N	X(7)			1	7
03	PW-OWNA	PWF-PLANT-OWNER-NAME	146	A/N	X(30)			8	37
03		PWF-PLANT-ADDRESS	GRP					38	104
05	PW-PL-STRT	PWF-PLANT-STREET	147	A/N	X(30)			38	67
05	PW-PL-CITY	PWF-PLANT-CITY	148	A/N	X(30)			68	97
05	PW-PL-STAT	PWF-PLANT-STATE	149	A/N	X(2)			98	99
05	PW-PL-ZIP	PWF-PLANT-ZIP-CODE	150	A/N	X(5)			100	104
03		PWF-MAILING-ADDRESS	GRP					105	201
05	PW-MA-NAME	PWF-MAILING-NAME	151	A/N	X(30)			105	134
05	PW-MA-STRT	PWF-MAILING-STREET	152	A/N	X(30)			135	164
05	PW-MA-CITY	PWF-MAILING-CITY	153	A/N	X(30)			165	194
05	PW-MA-STAT	PWF-MAILING-STATE	154*	A/N	X(2)			195	196

*See Data Element Dictionary: Appendix A

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Public Water File	FILE ID: PWF	RECORD NAME: PWF-RECORD	PAGE: 3 OF 12

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
05	PW-MA-ZIP	PWF-MAILING-ZIP-CODE	155	A/N	X(5)			197	201
03		PWF-TELEPHONE-INFO	GRP					202	211
05	PW-MA-ARCO	PWF-MAILING-AREA-CODE	156	A/N	X(3)			202	204
05	PW-MA-PNUM	PWF-MAILING-PHONE-NUMBER	157	A/N	X(7)			205	211
03		PWF-PLANT-AREA	GRP					212	229
05	PW-PL-ACTY	PWF-PLANT-AREA-CITY-NAME	158	A/N	X(15)			212	226
05	PW-PL-ACNT	PWF-PLANT-AREA-COUNTY-CODE	159	A/N	X(3)			227	229
03	PW-PL-RESR	PWF-PLANT-INDIAN-RESERVATION	160	A/N	X(3)			230	232
03		PWF-PLANT-SERVICE-AREA	GRP					233	251
05	PW-PL-RESI	PWF-PLANT-RESIDENTIAL	161	A/N	X(1)			233	233
05	PW-PL-COMP	PWF-PLANT-COMPANY-TOWN	162	A/N	X(1)			234	234
05	PW-PL-RECR	PWF-PLANT-RECREATION	163	A/N	X(1)			235	235
05	PW-PL-MOHO	PWF-PLANT-MOBILE-HOMES	164	A/N	X(1)			236	236
05	PW-PL-INST	PWF-PLANT-INSTITUTION	165	A/N	X(1)			237	237

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Public Water File	FILE ID: PWF	RECORD NAME: PWF-RECORD	PAGE: 4 OF 12

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
05	PW-PL-SCHL	PWF-PLANT-SCHOOL	166	A/N	X(1)			238	238
05	PW-PL-MOTL	PWF-PLANT-MOTEL	167	A/N	X(1)			239	239
05	PW-PL-REST	PWF-PLANT-RESTAURANT	168	A/N	X(1)			240	240
05	PW-PL-SSTA	PWF-PLANT-SERVICE-STATION	169	A/N	X(1)			241	241
05	PW-PL-CAMP	PWF-PLANT-CAMPGROUND	170	A/N	X(1)			242	242
05	PW-PL-PIC	PWF-PLANT-PICNIC-AREA	171	A/N	X(1)			243	243
05	PW-PL-LODG	PWF-PLANT-LODGE	172	A/N	X(1)			244	244
05	PW-PL-MARI	PWF-PLANT-MARINA	173	A/N	X(1)			245	245
05	PW-PL-SKI	PWF-PLANT-SKI-RESORT	174	A/N	X(1)			246	246
05	PW-PL-BATH	PWF-PLANT-BATHING	175	A/N	X(1)			247	247
05	PW-PL-VCTR	PWF-PLANT-VISITOR-CENTER	176	A/N	X(1)			248	248
05	PW-PL-HWY	PWF-PLANT-HWY-REST-AREA	177	A/N	X(1)			249	249
05	PW-PL-AIR	PWF-PLANT-AIRPORT	178	A/N	X(1)			250	250
05	PW-PL-OTHR	PWF-PLANT-OTHER-AREA	179	A/N	X(1)			251	251

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Public Water File	FILE ID: PWF	RECORD NAME: PWF-RECORD	PAGE: 5 OF 12

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03	PW-PL-CNUM	PWF-PLANT-CONSECUTIVE-NUM-PWS	180	A/N	X(7)			252	258
03	PW-PL-CARR	PWF-PLANT-INTERSTATE-CARRIER	181	A/N	X(1)			259	259
03	PW-PL-TYPE	PWF-PLANT-TYPE	182	A/N	X(1)			260	260
03	PW-PL-POPL	PWF-PLANT-POPULATION-SERVED	183	A/N	X(9)			261	269
03	PW-PL-SNUM	PWF-PLANT-SERVICES-NUMBER	184	A/N	X(7)			270	276
03	PW-PL-MNUM	PWF-PLANT-METERS-NUMBER	185	A/N	X(7)			277	283
03	PW-PL-AVPR	PWF-PLANT-AVERAGE-PRODUCTION	186	A/N	X(10)			284	293
03	PW-PL-DECA	PWF-PLANT-DESIGN-CAPACITY	187	A/N	X(10)			294	303
03	PW-PL-EMER	PWF-PLANT-EMERGENCY-POWER	188	A/N	X(10)			304	313
03	PW-PL-STCA	PWF-PLANT-STORAGE-CAPACITY	189	A/N	X(10)			314	323
03	PW-PL-MAXP	PWF-PLANT-MAX-PRODUCTION	190	A/N	X(10)			324	333
03	PW-PL-BEGN	PWF-PLANT-BEGIN-DATE	191	N	9(4)			334	337
03	PW-PL-SURV	PWF-PLANT-LAST-SURVEY-DATE	192	N	9(5)			338	342
03	PW-PL-CYCL	PWF-PLANT-COMPLIANCE-CYCLE	193	A/N	X(2)			343	344

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Public Water File	FILE ID: PWF	RECORD NAME: PWF-RECORD	PAGE: 6 OF 12

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03	PW-PL-ACTV	PWF-PLANT-ACTIVITY	194	A/N	X(1)			345	345
03	PW-PL-DDAT	PWF-PLANT-DEACTIVATION-DATE	195	N	9(5)			346	350
03	PW-PL-DREA	PWF-PLANT-DEACTIVATION-REASON	196	A/N	X(1)			351	351
03	PW-PL-MANU	PWF-PLANT-MANUAL-FILE	197	A/N	X(12)			352	363
03	PW-S-CODE	PWF-STATE-POSTAL-CODE	198*	A/N	X(2)			364	365
03	PW-S-REGE	PWF-STATE-REGULATE-BY	199	A/N	X(1)			366	366
03	PW-S-REGN	PWF-STATE-REGION	200	A/N	X(2)			367	368
03	PW-S-DIST	PWF-STATE-DISTRICT	201	A/N	X(2)			369	370
03		PWF-STATE-DISCRETION	GRP					371	509
05		PWF-STATE-BACTERIOLOGICAL	GRP					371	390
07	PW-S-BFLG	PWF-STATE-BACTERIOLOGICAL-FLG	202	A/N	X(1)			371	371
07	PW-S-MONT	PWF-STATE-MONTHLY-MONITORING	203	A/N	X(1)			372	372
07	PW-S-NSAM	PWF-STATE-NO-OF-SAMPLES	204	N	9(3)			373	375
07	PW-S-SBGN	PWF-STATE-SEASON-BEGIN	205	N	9(4)			376	379

*See Data Element Dictionary: Appendix A

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Public Water File	FILE ID: PWF	RECORD NAME: PWF-RECORD	PAGE: 7 OF 12

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
07	PW-S-SEND	PWF-STATE-SEASON-END	206	N	9(4)			380	383
07	PW-S-MDCK	PWF-STATE-MIN-NO-DAILY-CHECKS	207	A/N	X(1)			384	384
07	PW-S-NSPFQ	PWF-STATE-NCOM-SAMPLE-FREQ	208	N	9(3)			385	387
07	PW-S-MCKS	PWF-STATE-MCL-VALT-CHECK-SAMP	209	N	9(1)			388	388
07	PW-S-CLOR	PWF-STATE-CHLORINE	210	N	9(2)			389	390
05		PWF-STATE-TURBIDITY	GRP					391	393
07	PW-S-TFLG	PWF-STATE-TURBIDITY-FLAG	211	A/N	X(1)			391	391
07	PW-S-TBUN	PWF-STATE-TURBIDITY-UNITS	212	N	9(1)V9(1)			392	393
05		PWF-STATE-ALL-CHEMICALS	GRP					394	436
07		PWF-STATE-FOLLOW-UP-MONITOR	GRP			4		394	421
09	PW-S-CONID	PWF-STATE-CONTAMINANT-ID-CHEM	213*	A/N	X(4)				
09	PW-S-SPFQ	PWF-STATE-SAMPLING-FREQUENCY	214	A/N	X(3)				
07		PWF-STATE-ORGANIC	GRP					422	429
09	PW-S-ORBGN	PWF-STATE-ORGANIC-BEGIN-PERIOD	215	N	9(4)			422	425

*See Data Element Dictionary: Appendix A

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Public Water File	FILE ID: PWF	RECORD NAME: PWF-RECORD	PAGE: 8 OF 12

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
09	PW-S-OREND	PWF-STATE-ORGANIC-END-PERIOD	216	N	9(4)			426	429
07		PWF-STATE-INORGANIC	GRP					430	436
09	PW-S-ATEM	PWF-STATE-AIR-TEMPERATURE	217	N	9(2)V9(1)			430	432
09	PW-S-NITR	PWF-STATE-NITRATE-FREQUENCY	218	N	9(4)			433	436
05		PWF-STATE-RADIOACTIVE	GRP					437	508
07	PW-S-RFLG	PWF-STATE-RADIOACTIVE-FLAG	219	A/N	X(1)			437	437
07	PW-S-RMON	PWF-STATE-RADIOACTIVE-MONITOR	220	A/N	X(1)			438	438
07	PW-S-BETA	PWF-STATE-BETA-FREQ-MONTHS	221	N	9(2)			439	440
07	PW-S-NUCL	PWF-STATE-NUCLEAR-FACILITY	222	A/N	X(1)			441	441
07	PW-S-FATY1	PWF-STATE-NUCLEAR-FAC-TYPE1	223*	A/N	X(1)			442	442
07	PW-S-FATY2	PWF-STATE-NUCLEAR-FAC-TYPE2	702*	A/N	X(1)			443	443
07		PWS-STATE-CONTAMINANT-INFO	GRP			10		444	503
09	PW-S-FACON	PWF-STATE-FAC-CONTAMINANT-ID	224*	A/N	X(4)				
09	PW-S-CFREQ	PWF-STATE-CONTAMINANT-FREQ	225	A/N	X(2)				

*See Data Element Dictionary: Appendix A

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Public Water File	FILE ID: PWF	RECORD NAME: PWF-RECORD	PAGE: 9 OF 12

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
07	PW-S-GALP	PWF-STATE-MONITOR-GROSS-ALPHA	226	N	9(2)			504	505
07	PW-S-RADM	PWF-STATE-MONITOR-RADIUM-MTHS	227	N	9(2)			506	507
07	PW-S-NUMSP	PWF-STATE-NUM-SAMPLES-PER-YR	228	N	9(1)			508	508
05	PW-S-GWATR	PWF-STATE-GROUND-WATER-MONITOR	229	A/N	X(1)			509	509
03		PWF-STATE-OPERATING-REPORT	GRP					510	514
05	PW-S-RREQ	PWF-STATE-REPORT-REQUIRED	230	A/N	X(1)			510	510
05	PW-S-LAST	PWF-STATE-LAST-REPORT-DATE	231	N	9(4)			511	514
03	PW-S-ENGM	PWF-STATE-ENGLISH-METRIC-SYST	232	A/N	X(1)			515	515
03	PW-S-RESV	PWF-STATE-RESERVE-FOR-STATE	233	A/N	X(100)			516	615
03	PW-LST-UP	PWF-LAST-UPDATE-DATE	234	N	9(5)			616	620
03		PWF-LAB-DATA	GRP			5		621	650
05	PW-LA-ID	PWF-LAB-ID	235	A/N	X(5)				
05	PW-LA-CFLG	PWF-LAB-CAPTIVE-FLAG	236	A/N	X(1)				
03	PW-OW-TYPE	PWF-OWNER-TYPE	237	A/N	X(1)			651	651

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Public Water File	FILE ID: PWF	RECORD NAME: PWF-RECORD	PAGE: 10 OF 12

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03		PWF-VAEX-MCL-VARI-EXEMPT	GRP			4		652	703
05	PW-VE-CTAM	PWF-VAEX-CONTAMINANT-ID	238*	A/N	X(4)				
05	PW-VE-MCL	PWF-VAEX-MODIFIED-MCL	239	A/N	X(5)				
05	PW-VE-DEC	PWF-VAEX-MODIFIED-MCL-DEC	240	A/N	X(1)				
05	PW-VE-AMF	PWF-VAEX-ALT-MONITOR-FREQ	241	A/N	X(3)				
03	PW-PL-COIN	PWF-PLANT-CONSEC-INDICATOR	701	A/N	X(1)			704	704
03	PW-PL-SONM	PWF-PLANT-SOURCES-NUMBER	242	N	9(2)			705	706
03		PWF-PLANT-SOURCE-INFORMATION	GRP			15	X	707	1606
05	PW-PL-SONA	PWF-PLANT-SOURCE-NAME	243	A/N	X(15)				
05	PW-PL-SOCO	PWF-PLANT-SOURCE-CODE	244	A/N	X(1)				
05	PW-PL-WELL	PWF-PLANT-NUM-OF-WELLS	245	A/N	X(2)				
05	PW-PL-AVAL	PWF-PLANT-AVAILABILITY	246	A/N	X(1)				
05	PW-PL-BASN	PWF-PLANT-BASIN-NUMBER	247	A/N	X(4)				
05	PW-PL-LATI	PWF-PLANT-LATITUDE	248	A/N	X(7)				

*See Data Element Dictionary: Appendix A

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Public Water File	FILE ID: PWF	RECORD NAME: PWF-RECORD	PAGE: 11 OF 12

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
05	PW-PL-LONG	PWF-PLANT-LONGITUDE	249	A/N	X(7)				
05	PW-PL-SLID	PWF-PLANT-SELLER-ID	250	A/N	X(7)				
05		PWF-PLANT-TREATMENTS	GRP						
07	PW-PL-AERA	PWF-PLANT-AERATION	251	A/N	X(1)				
07	PW-PL-PREC	PWF-PLANT-PRECHLORINATION	252	A/N	X(1)				
07	PW-PL-COAG	PWF-PLANT-COAGULATION	253	A/N	X(1)				
07	PW-PL-SEDI	PWF-PLANT-SEDIMENTATION	254	A/N	X(1)				
07	PW-PL-FILT	PWF-PLANT-FILTRATION	255	A/N	X(1)				
07	PW-PL-CORR	PWF-PLANT-CORROSION-CNTRL	256	A/N	X(1)				
07	PW-PL-SOFT	PWF-PLANT-SOFTENING	257	A/N	X(1)				
07	PW-PL-TAST	PWF-PLANT-TASTE-ODOR	258	A/N	X(1)				
07	PW-PL-IRON	PWF-PLANT-IRON-REMOVAL	259	A/N	X(1)				
07	PW-PL-AMMO	PWF-PLANT-AMMONIATION	260	A/N	X(1)				
07	PW-PL-FLOR	PWF-PLANT-FLUORIDE-ADJUSTMENT	261	A/N	X(1)				

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Public Water File	FILE ID: PWT	RECORD NAME: PWT-RECORD	PAGE: 12 OF 12

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
07	PW-PL-DISI	PWF-PLANT-DISINFECTION	262	A/N	X(1)				
07	PW-PL-OTHE	PWF-PLANT-OTHER-TREATMENT	263	A/N	X(1)				
07	PW-PL-RESE	PWF-PLANT-RESERVE	264	A/N	X(3)				

09

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Public Water System Inventory

DATE: 11-16-76

EXHIBIT: PWSI.201

RECORD TYPE: Fixed

RECORD SIZE: 136

PAGE: 1 OF 3

RECORD ACCESS KEY:

PWT-ID

INPUT TO SUBSYSTEM (S) :

Public Water System Inventory
Water Quality Compliance
Enforcement Actions
Variances and Exemptions
Operator and Mailing

FILE NAME: Public Water Table

FILE ID: PWT

RECORD NAME: PWT-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Public Water Table	FILE ID: PWT	RECORD NAME: PWT-RECORD	PAGE: 2 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PWT-RECORD	GRP					1	134
03		PWT-RELATIVE-REC-NUMBER	265	N	9(5)			1	5
03		PWT-KEY	GRP					6	12
05		PWT-ID	266	A/N	X(7)			6	12
03		PWT-MAILING-ADDRESS	GRP					13	109
05		PWT-MAILING-NAME	267	A/N	X(30)			13	42
05		PWT-MAILING-STREET	268	A/N	X(30)			43	72
05		PWT-MAILING-CITY	269	A/N	X(30)			73	102
05		PWT-MAILING-STATE	270	A/N	X(2)			103	104
05		PWT-MAILING-ZIP-CODE	271	A/N	X(5)			105	109
03		PWT-TELEPHONE-INFO	GRP					110	119
05		PWT-MAILING-AREA-CODE	272	A/N	X(3)			110	112
05		PWT-MAILING-PHONE-NUMBER	273	A/N	X(7)			113	119
03		PWT-STATE-REGION	274	A/N	X(2)			120	121

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Public Water Table	FILE ID: PWT	RECORD NAME: PWT-RECORD	PAGE: 3 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03		PWT-STATE-DISTRICT	275	A/N	X(2)			122	123
03		PWT-PLANT-TYPE	276	A/N	X(1)			124	124
03		PWT-PLANT-POPULATION-SERVED	277	A/N	X(9)			125	133
03		PWT-PLANT-COMPLIANCE-CYCLE	278	A/N	X(2)			134	135
03		PWT-PLANT-SOURCE-CODE	703	A/N	X(1)			136	136

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Public Water System Inventory

DATE: 1-12-77

EXHIBIT: PWSI.202

RECORD TYPE: Fixed

RECORD SIZE: 114

PAGE: 1 OF 2

RECORD ACCESS KEY:

PH-PWS-ID
PH-DE-CODE
PH-CUR-UP

INPUT TO SUBSYSTEM (S) :

Public Water System Inventory

FILE NAME: Public History File

FILE ID: PHF

RECORD NAME: PHF-RECORD

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MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Public History File	FILE ID: PHF	RECORD NAME: PHF-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PHF-RECORD	GRP					1	114
03		PHF-KEY	GRP					1	15
05	PH-PWS-ID	PHF-PWS-ID	310	A/N	X(7)			1	7
05	PH-CAT-NO	PHF-CATALOGUE-NO	311	A/N	X(3)			8	10
05	PH-CUR-UP	PHF-CUR-UPDATE-DATE	312	N	9(5)			11	15
03	PH-PW-NAME	PHF-PLANT-OWNER-NAME	313	A/N	X(30)			16	45
03	PH-S-REGN	PHF-STATE-REGION	314	A/N	X(2)			46	47
03	PH-S-DIST	PHF-STATE-DISTRICT	315	A/N	X(2)			48	49
03	PH-LST-UP	PHF-LAST-UPDATE-DATE	316	N	9(5)			50	54
03	PH-OLD-VAL	PHF-OLD-VALUE	317	A/N	X(30)			56	84
03	PH-NEW-VAL	PHF-NEW-VALUE	318	A/N	X(30)			86	114

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) : Public Water System Inventory	DATE: 11-16-76 EXHIBIT: PWSI.203	
	RECORD TYPE: Fixed RECORD SIZE: 900	PAGE: 1 OF 7
INPUT TO SUBSYSTEM (S) : Public Water System Inventory	RECORD ACCESS KEY:	
FILE NAME: National Public Water System Inventory FILE ID: PWS	RECORD NAME: PWS-CONVERSION-RECORD	

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: National Public Water System Inventory	FILE ID: PWS	RECORD NAME: PWS-CONVERSION-RECORD	PAGE: 2 OF 7

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PWS-CONVERSION-RECORD	GRP					1	900
03		PWS-KEY		A/N	X(14)			1	14
03		PWS-NOWU		A/N	X(32)			15	46
03		PWS-ADDR	GRP					47	133
05		PWS-STREET		A/N	X(30)			47	76
05		PWS-CITY		A/N	X(25)			77	101
05		PWS-CNTY		A/N	X(25)			102	126
05		PWS-STATE		A/N	X(2)			127	128
05		PWS-ZIP		A/N	X(5)			129	133
03		PWS-PHONE	GRP					134	143
05		PWS-ARCD		A/N	X(3)			134	136
05		PWS-TELN		A/N	X(7)			137	143
03		PWS-OWNER		A/N	X(1)			144	144
03		PWS-RPOP		A/N	X(9)			145	153

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: PWS-CONVERSION-FILE	FILE ID: PWS	RECORD NAME: PWS-CONVERSION-RECORD	PAGE: 3 OF 7

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03		PWS-NMSR		A/N	X(7)			154	160
03		PWS-NMMT		A/N	X(7)			161	167
03		PWS-NMWC		A/N	X(3)			168	170
03		PWS-SERVICE-AREA	GRP					171	188
05		PWS-COMM		A/N	X(1)			171	171
05		PWS-COMT		A/N	X(1)			172	172
05		PWS-RECA		A/N	X(1)			173	173
05		PWS-MOHP		A/N	X(1)			174	174
05		PWS-INST		A/N	X(1)			175	175
05		PWS-SCHC		A/N	X(1)			176	176
05		PWS-MOTEL		A/N	X(1)			177	177
05		PWS-REST		A/N	X(1)			178	178
05		PWS-SSTAT		A/N	X(1)			179	179
05		PWS-CAMP		A/N	X(1)			180	180

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: PWS-CONVERSION-FILE	FILE ID: PWS	RECORD NAME: PWS-CONVERSION-RECORD	PAGE: 4 OF 7

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
05		PWS-PICNIC		A/N	X(1)			181	181
05		PWS-LODGE		A/N	X(1)			182	182
05		PWS-MARINA		A/N	X(1)			183	183
05		PWS-SKI		A/N	X(1)			184	184
05		PWS-BATHING		A/N	X(1)			185	185
05		PWS-VCENT		A/N	X(1)			186	186
05		PWS-SAREA		A/N	X(1)			187	187
05		PWS-AIR		A/N	X(1)			188	188
05		PWS-OTHER		A/N	X(1)			189	189
03		PWS-PRON		A/N	X(10)			190	199
03		PWS-PROE		A/N	X(10)			200	209
03		PWS-DSTO		A/N	X(10)			210	219
03		PWS-PROA		A/N	X(10)			220	229
03		PWS-PROM		A/N	X(10)			230	239

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: PWS-CONVERSION-FILE	FILE ID: PWS	RECORD NAME: PWS-CONVERSION-RECORD	PAGE: 5 OF 7

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03		PWS-YRMO		A/N	X(4)			240	243
03		PWS-WATER-SOURCES-INFORMATION	Grp			12		244	807
05		FILLER		A/N	X(1)				
05		PWS-SOUN		A/N	X(15)				
05		PWS-SOURCE-NUMERIC	GRP						
07		PWS-LATI		A/N	X(6)				
07		PWS-LONG		A/N	X(7)				
07		PWS-SURF		A/N	X(1)				
07		PWS-GRND		A/N	X(1)				
07		PWS-PRCH		A/N	X(1)				
07		PWS-TREATMENTS	Grp						
09		PWS-AERN		A/N	X(1)				
09		PWS-PREC		A/N	X(1)				
09		PWS-COAG		A/N	X(1)				

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: PWS-CONVERSION-FILE	FILE ID: PWS	RECORD NAME: PWS-CONVERSION RECORD	PAGE: 6 OF 7

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
09		PWS-SEDM		A/N	X(1)				
09		PWS-FILT		A/N	X(1)				
09		PWS-CORR		A/N	X(1)				
09		PWS-SOFT		A/N	X(1)				
09		PWS-TOC		A/N	X(1)				
09		PWS-IRNR		A/N	X(1)				
09		PWS-AMMO		A/N	X(1)				
09		PWS-FLUA		A/N	X(1)				
09		PWS-DISF		A/N	X(1)				
05		PWS-CHEM		A/N	X(1)				
05		PWS-BACT		A/N	X(1)				
05		PWS-PHYS		A/N	X(1)				
03		PWS-REMKS		A/N	X(50)	808		857	
03		PWS-FILL		A/N	X(35)	858		892	

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: PWS-CONVERSION-FILE	FILE ID: PWS	RECORD NAME: PWS-CONVERSION-RECORD	PAGE: 7 OF 7

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03		PWS-SURVEY-YR		A/N	X(2)	893		894	
03		PWS-DATE-LASTUPDATE		A/N	X(6)			895	900

RELATES TO
203

Conversion Process

ITEM	NAT'L NAME	POS.	PIC	PWSIF-NAME	PIC
1	KEY	1-14	X(14)	PWF-STATE-RESERVE-FOR-STATE	X(100)
2	NOWU	15-46	X(32)	PWF-MAILING-NAME	X(30)
3	ADDR	47-76	X(30)	PWF-MAILING-STREET	X(30)
4	CITY	77-101	X(25)	PWF-MAILING-CITY	X(30)
5*	CNTY	102-126	X(25)	PWF-PLANT-COUNTY-CODE	X(3)
6	STATE	127-128	X(2)	PWF-MAILING-STATE	X(2)
7	ZIP	129-133	9(5)	PWF-MAILING-ZIP	X(5)
8	ARCD	134-136	9(3)	PWF-TELEPHONE-AREA-CODE	X(3)
9	TELN	137-143	9(7)	PWF-TELEPHONE-PHONE-NUMBER	X(7)
10**	OWNER	144-144	X(1)	PWF-OWNER-TYPE	X(1)
11	RPOP	145-153	9(9)	PWF-PLANT-POPULATION-SERVED	X(9)
12	NMSR	154-160	9(7)	PWF-PLANT-SERVICES-NUMBER	X(7)
13	NMMT	161-167	9(7)	PWF-PLANT-METERS-NUMBER	X(7)
15	COMM	171	X(1)	PWF-PLANT-COMMUNITY	X(1)
16	COMT	172	X(1)	PWF-PLANT-COMPANY-TOWN	X(1)
17	RECA	173	X(1)	PWF-PLANT-RECREATION	X(1)
18	MOHP	174	X(1)	PWF-PLANT-MOBILE-HOMES	X(1)
19	INST	175	X(1)	PWF-PLANT-INSTITUTION	X(1)
20	SCHC	176	X(1)	PWF-PLANT-SCHOOL	X(1)
21	MOTEL	177	X(1)	PWF-PLANT-MOTEL	X(1)
22	REST	178	X(1)	PWF-PLANT-RESTAURANT	X(1)
23	SSTAT	179	X(1)	PWF-PLANT-SERVICE-STATION	X(1)
24	CAMP	180	X(1)	PWF-PLANT-CAMPGROUND	X(1)
25	PICNIC	181	X(1)	PWF-PLANT-PICNIC	X(1)
26	LODGE	182	X(1)	PWF-PLANT-LODGE	X(1)
27	MARINA	183	X(1)	PWF-PLANT-MARINA	X(1)
28	SKI	184	X(1)	PWF-PLANT-SKI-RESORT	X(1)
29	BATHING	185	X(1)	PWF-PLANT-BATHING	X(1)
30	VCENT	186	X(1)	PWF-PLANT-VISITOR-CENTER	X(1)
31	SAREA	187	X(1)	PWF-PLANT-HWY-REST-AREA	X(1)
32A	AIRPORT	188	X(1)	PWF-PLANT-AIRPORT	X(1)
33	OTHER	189	X(1)	PWF-PLANT-OTHER	X(1)
34	PRON	190-199	9(10)	PWF-PLANT-DESIGN-CAPACITY	X(10)
35	PROE	200-209	9(10)	PWF-PLANT-EMERGENCY-POWER	X(10)
36	DSTO	210-219	9(10)	PWF-PLANT-STORAGE-CAPACITY	X(10)
37	PROA	220-229	9(10)	PWF-PLANT-AVERAGE-CAPACITY	X(10)

* this field must be converted using the state and county code table (will be in CVT)

** this field gets converted according to the acceptable values for owner type defined in the Data Elements Dictionary

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ITEM	NAT'L NAME	POS.	PIC	PWSIF-NAME	PIC
38	PROM	230-239	9(10)	PWF-PLANT-MAX-PRODUCTION	X(10)
39	YRMO	240-243	9(4)	PWF-PLANT-BEGIN-DATE	9(4)
40	SOUN1		X(15)	PWF-PLANT-SOURCE-NAME(1)	X(15)
41	LATI1		9(6)	PWF-PLANT-LATITUDE(1)	X(7)
42	LONG1		9(7)	PWF-PLANT-LONGITUDE(1)	X(7)
43	SURF1		X(1)	If Value=1 move S,G, or P respectively	
44	GRND1		X(1)	to PWF-PLANT-SOURCE-CODE(1)	X(1)
				If S and another, defaults to S.	
45	PRCH1		X(1)	Blank if any other combination	
46	AERN1		X(1)	PWF-PLANT-AERATION(1)	X(1)
47	PREC1		X(1)	PWF-PLANT-PRECHLORINATION(1)	X(1)
48	COAG1		X(1)	PWF-PLANT-COAGULATION(1)	X(1)
49	SEDM1		X(1)	PWF-PLANT-SEDIMENTATION(1)	X(1)
50	FILT1		X(1)	PWF-PLANT-FILTRATION(1)	X(1)
51	SOFT1		X(1)	PWF-PLANT-SOFTENING(1)	X(1)
52	TOC1		X(1)	PWF-PLANT-TASTE-ODOR(1)	X(1)
53	IRNR1		X(1)	PWF-PLANT-IRON-REMOVAL(1)	X(1)
54	AMMO1		X(1)	PWF-PLANT-AMMONIATION(1)	X(1)
55	FLUA1		X(1)	PWF-PLANT-FLUORIDE-ADJUSTMENT(1)	X(1)
56	DISFI	284	X(1)	PWF-PLANT-DISINFECTION(1)	X(1)
59-75					
79-95					
99-115					
119-135		Each of these groups represents a similar format of			
139-155		items 40-56. The groups may be defined as occurring			
159-175		12 times. The three fields (CHEM1, BACT1, PHYS1) are			
179-195		not used in the conversion but must be defined in			
199-215		the repeating groups.			
219-235					
239-255					
259-275					
282	DATE-LAST UPDATE	895-900	9(6)	PWF-LAST-UPDATE-DATE (converted Julian)	9(5)

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :	DATE: 1/6/77	EXHIBIT: PWSI.204
	RECORD TYPE: Fixed RECORD SIZE: 80	PAGE: 1 OF 2
	RECORD ACCESS KEY:	
INPUT TO SUBSYSTEM (S) : Public Water System Inventory Subsystem		
FILE NAME: Processing Option	FILE ID: PWFI	RECORD NAME: PWFI-PROC-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Public Water System Processing	FILE ID: PWFI	RECORD NAME: PWFI-PROC-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PWFI-PROC-RECORD	GRP					1	80
03		PWFI-PROC-ID		A/N	X(4)			1	4
03		PWFI-PROC-DATE		A/N	X(6)			5	10
03		FILLER		A/N	X(3)			11	13
03		PWFI-NEW-RECORDS		A/N	X(1)			14	14
03		PWFI-INCOMPLETE-RECORDS		A/N	X(1)			15	15
03		PWFI-STATUS-REQUESTS		A/N	X(1)			16	16
03		PWFI-UNSUCCESS-UPDATE		A/N	X(1)			17	17
03		PWFI-SELECTION-EXTRACT		A/N	X(1)			18	18
03		PWFI-REPORT-OPTION		A/N	X(1)			19	19
03		FILLER		A/N	X(61)			20	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :	DATE: 1-8-77	EXHIBIT: PWSI.205
	RECORD TYPE: Fixed RECORD SIZE: 80	PAGE: 1 OF 2
	RECORD ACCESS KEY: PWFI-RESTART-ID	
INPUT TO SUBSYSTEM (S) : Public Water System Inventory		
FILE NAME: Restart Options / FILE ID: PWFI		RECORD NAME: PWFI-RESTART-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Restart Options	FILE ID: PWFI	RECORD NAME: PWFI-RESTART-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	FORMAT	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PWFI-RESTART-RECORD	GRP					1	80
03		PWFI-RESTART-ID		A/N	X(7)			1	7
03		PWFI-RESTART-NUMBER		A/N	X(7)			8	14
03		FILLER		A/N	X(66)			15	80

80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :	DATE: 11-18-76	EXHIBIT: PWSI.206
	RECORD TYPE: Fixed	PAGE: 1 OF 2
	RECORD SIZE: 80	
	RECORD ACCESS KEY:	
INPUT TO SUBSYSTEM (S) : Public Water System Inventory		
FILE NAME: Public Water File PROC PROC Processing Options	FILE ID: PWFI	RECORD NAME: PWFI-PROC-RECORD

Processing Option

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME:	Public Water File PROC Processing Options	FILE ID:	PWFI	RECORD NAME:	PWFI-PROC-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PWFI-PROC-RECORD	GRP					1	80
03		PWFI-PROC-ID		A/N	X(4)			1	4
03		PWFI-PROC-DATE		A/N	X(6)			5	10
03		FILLER		A/N	X(3)			11	13
03		PWFI-NEW-RECORDS		A/N	X(1)			14	14
03		PWFI-INCOMPLETE-RECORDS		A/N	X(1)			15	15
03		PWFI-STATUS-REQUESTS		A/N	X(1)			16	16
03		PWFI-UNSUCCESS-UPDATE		A/N	X(1)			17	17
03		PWFI-SELECTION-EXTRACT		A/N	X(1)			18	18
03		FILLER		A/N	X(62)			19	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :	DATE: 12-02-76	EXHIBIT: PWSI.207
	RECORD TYPE: Fixed	PAGE: 1 OF 2
	RECORD SIZE: 80	
	RECORD ACCESS KEY:	
INPUT TO SUBSYSTEM (S) : Public Water System Inventory		
Processing Option		
FILE NAME: Public History File Select	FILE ID: PHFI	RECORD NAME: PHFI-SELECT-1-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Public History File Select	FILE ID: PHFI	RECORD NAME: PHFI-SELECT-1-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PHFI-SELECT-1-RECORD	GRP					1	80
03		PHFI-SELECT-1-ID		A/N	X(4)			1	4
03		PHFI-SELECT-1-MNEMONIC		A/N	X(10)			5	14
03		PHFI-SELECT-1-DE-VALUE		A/N	X(15)			15	29
03		PHFI-SELECT-1-DE-NO		A/N	X(2)			30	31
03		FILLER		A/N	X(49)			32	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :	DATE: 1/12/77	EXHIBIT: PWSI.208	
	RECORD TYPE: Fixed	PAGE: 1 OF 2	
	RECORD SIZE: 80		
	RECORD ACCESS KEY: PHFI-PROC-ID		
INPUT TO SUBSYSTEM (S) : Public Water System Inventory			
FILE NAME: Processing Options	FILE ID: PHFI	RECORD NAME: PHFI-PROC-RECORD	

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Processing Options	FILE ID: PHFI	RECORD NAME: PHFI-PROC-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PHFI-PROC-RECORD	GRP					1	80
03		PHFI-PROC-ID		A/N	X(4)			1	4
03		PHFI-PROC-DATE		A/N	X(6)			5	10
03		PHFI-PROC-SEF-OUTPUT		A/N	X(1)			11	11
03		PHFI-PROC-SEF-FIELD-SELECT		A/N	X(1)			12	12
03		PHFI-REPORT-OPTION		A/N	X(1)			13	13
03		FILLER		A/N	X(67)			14	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :	DATE: 10-12-76	EXHIBIT: PWSI.209
	RECORD TYPE: Fixed	PAGE: 1 OF 2
	RECORD SIZE: 80	
		RECORD ACCESS KEY: PHFI-PROC-ID
INPUT TO SUBSYSTEM (S) : Public Water Subsystem		
Processing Options		
FILE NAME: Purge Public History File	FILE ID: PHFI	RECORD NAME: PHFI-PROC-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Purge Public History File	FILE ID: PHFI	RECORD NAME: PHFI-PROC-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PHFI-PROC-RECORD	GRP					1	80
03		PHFI-PROC-ID		A/N	X(4)			1	4
03		PHFI-PROC-CURRENT-DATE		A/N	X(6)			5	10
03		FILLER		A/N	X(3)			11	13
03		PHFI-PROC-PURGE-DATE		A/N	X(6)			14	19
03		PHFI-PROC-REPORT-OPTION		A/N	X(1)			20	20
03		FILLER		A/N	X(60)			21	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :	DATE: 12-02-76	EXHIBIT: PWSI. 210
	RECORD TYPE: Fixed	PAGE: 1 OF 2
	RECORD SIZE: 80	
	RECORD ACCESS KEY:	
INPUT TO SUBSYSTEM (S) : Public Water System Inventory		
Processing Option		
FILE NAME: Public History File Select	FILE ID: PHFI	RECORD NAME: PHFI-SELECT-2-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME:	Public History File Select	FILE ID:	PHFI	RECORD NAME:	PHFI-SELECT-2-RECORD	PAGE:	2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PHFI-SELECT-2-RECORD	GRP					1	80
03		PHFI-SELECT-2-ID		A/N	X(4)			1	4
03		PHFI-SELECT-2-SYMBOL		A/N	X(2)	35		5	74
03		FILLER		A/N	X(6)			75	80

06

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :	**DATE:** 11/30/76	**EXHIBIT:** PWSI.211
	RECORD TYPE: FIXED	**PAGE:** 1 OF 2
	RECORD SIZE: 80	
	RECORD ACCESS KEY: PWFI-PROC-ID	
INPUT TO SUBSYSTEM (S) : Public Water System Inventory		
FILE NAME: Processing Options	**FILE ID:** PWFI	**RECORD NAME:** PWFI-PROC-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: PROCESSING OPTIONS	FILE ID: PWFI	RECORD NAME: PWFI-PROC-RECORD	PAGE: 1 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PWFI-PROC-RECORD	GRP					1	80
03		PWFI-PROC-ID		A/N	x(4)			1	4
03		PWFI-PROC-DATE		A/N	x(6)			5	10
03		PWFI-PROC-SEF-OUTPUT		A/N	x(1)			11	11
05		PWFI-PROC-SEF-FIELD-SELECT		A/N	x(1)			12	12
03		FILLER		A/N	x(1)			13	13
03		PWFI-REPORT-OPTIONS	GRP					14	17
05		PWFI-NEW-PWS		A/N	x(1)			14	14
05		PWFI-INCOMPLETE		A/N	x(1)			15	15
05		PWFI-STATUS		A/N	x(1)			16	16
05		PWFI-UNSUCCESSFUL		A/N	x(1)			17	17
03		FILLER		A/N	x(63)			18	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :	DATE: 11-16-76	EXHIBIT: PWSI.212
	RECORD TYPE: Fixed RECORD SIZE: 80	PAGE: 1 OF 2
	RECORD ACCESS KEY:	
INPUT TO SUBSYSTEM (S) : Public Water System Inventory		
FILE NAME: Public Water File PROC Processing Options	FILE ID: PWFI	RECORD NAME: PWFI-PROC-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME:	Public Water File PROC Processing Options	FILE ID:	PWFI	RECORD NAME:	PWFI-PROC-RECORD	PAGE:	2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PWFI-PROC-RECORD	GRP					1	80
03		PWFI-PROC-ID		A/N	X(4)			1	4
03		PWFI-PROC-DATE		A/N	X(6)			5	10
03		FILLER		A/N	X(70)			11	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) : Public Water System Inventory (PWSI120) (Conversion Only)	**DATE:** 11-30-76	**EXHIBIT:** PWSI.213
	RECORD TYPE: Fixed **RECORD SIZE:** 80	**PAGE:** 1 OF 2
	RECORD ACCESS KEY:	
INPUT TO SUBSYSTEM (S) : Public Water System Inventory		
Input Transaction		
FILE NAME: PWF-TRANSACTION-FILE	**FILE ID:** PWFI	**RECORD NAME:** PWFI-TRAN-0-98-99

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: PWF-TRANSACTIONS	FILE ID: PWFI	RECORD NAME: PWFI-TRAN-0-98-99	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PWFI-TRAN-0-98-99	GRP					1	80
03		PWFI-ID-0-98-99		A/N	X(7)			1	7
03		PWFI-TRAN-CODE0-98-99		A/N	X(2)			8	9
03		PWFI-TRAN-CHECK		A/N	X(1)			10	10
03		FILLER		A/N	X(70)			11	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Public Water System Inventory
(Conversion Only)

DATE: 11-30-76

EXHIBIT: PWSI.214

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 2

RECORD ACCESS KEY:

PWFI-ID1
PWFI-TRAN-CODE1

INPUT TO SUBSYSTEM (S) :

Public Water System Inventory

FILE NAME: PWF-TRANSACTION-FILE

FILE ID: PWFI

RECORD NAME: PWFI-TRAN-1

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: PWF-TRANSACTIONS	FILE ID: PWFI	RECORD NAME: PWFI-TRAN-1	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PWFI-TRAN-1	GRP					1	80
03		PWFI-ID1		A/N	X(7)			1	7
03		PWFI-TRAN-CODE1		A/N	X(2)			8	9
03		PWFI-PLANT-OWNER-NAME		A/N	X(30)			10	39
03		PWFI-PLANT-STREET		A/N	X(30)			40	69
03		FILLER		A/N	X(11)			70	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Public Water System Inventory
(Conversion Only)

DATE: 11-30-76

EXHIBIT: PWSI.215

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 2

RECORD ACCESS KEY:

PWFI-ID2
PWFI-TRAN-CODE2

INPUT TO SUBSYSTEM (S) :

Public Water System Inventory

FILE NAME: PWF-TRANSACTION-FILE

FILE ID: PWFI

RECORD NAME: PWFI-TRAN-2

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: PWF-TRANSACTIONS	FILE ID: PWFI	RECORD NAME: PWFI-TRAN-2	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PWFI-TRAN-2	GRP					1	80
03		PWFI-ID2		A/N	X(7)			1	7
03		PWFI-TRAN-CODE2		A/N	X(2)			8	9
03		PWFI-PLANT-CITY		A/N	X(30)			10	39
03		PWFI-PLANT-STATE		A/N	X(2)			40	41
03		PWFI-PLANT-ZIP-CODE		A/N	X(5)			42	46
03		PWFI-OWNER-TYPE		A/N	X(1)			47	47
03		FILLER		A/N	X(33)			48	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Public Water System Inventory
(Conversion Only)

DATE: 11-30-76

EXHIBIT: PWSI.216

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 2

RECORD ACCESS KEY:

PWFI-ID3
PWFI-TRAN-CODE3

INPUT TO SUBSYSTEM (S) :

Public Water System Inventory

FILE NAME: PWF-TRANSACTION-FILE

FILE ID: PWFI

RECORD NAME: PWFI-TRAN-3

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: PWF-TRANSACTIONS	FILE ID: PWFI	RECORD NAME: PWFI-TRAN-3	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PWFI-TRAN-3	GRP					1	80
03		PWFI-ID3		A/N	X(7)			1	7
03		PWFI-TRAN-CODE3		A/N	X(2)			8	9
03		PWFI-MAILING-NAME		A/N	X(30)			10	39
03		PWFI-MAILING-STREET		A/N	X(30)			40	69
03		FILLER		A/N	X(11)			70	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Public Water System Inventory
(Conversion Only)

DATE: 11-30-76

EXHIBIT: PWSI.217

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 2

RECORD ACCESS KEY:

PWFI-ID4
PWFI-TRAN-CODE4

INPUT TO SUBSYSTEM (S) :

Public Water System Inventory

FILE NAME: PWF-TRANSACTION-FILE

FILE ID: PWFI

RECORD NAME: PWFI-TRAN-4

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: PWF-TRANSACTIONS	FILE ID: PWFI	RECORD NAME: PWFI-TRAN-4	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PWFI-TRAN-4	GRP					1	80
03		PWFI-ID4		A/N	X(7)			1	7
03		PWFI-TRAN-CODE4		A/N	X(2)			8	9
03		PWFI-MAILING-CITY		A/N	X(30)			10	39
03		PWFI-MAILING-STATE		A/N	X(2)			40	41
03		PWFI-MAILING-ZIP-CODE		A/N	X(5)			42	46
03		PWFI-MAILING-AREA-CODE		A/N	X(3)			47	49
03		PWFI-MAILING-PHONE-NUMBER		A/N	X(7)			50	56
03		FILLER		A/N	X(24)			57	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Public Water System Inventory
(Conversion Only)

DATE: 11-30-76

EXHIBIT: PWSI.218

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 3

RECORD ACCESS KEY:

PWFI-ID5
PWFI-TRAN-CODE5

INPUT TO SUBSYSTEM (S) :

Public Water System Inventory

FILE NAME: PWF-TRANSACTION-FILE

FILE ID: PWFI

RECORD NAME: PWFI-TRAN-5

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: PWF-TRANSACTIONS	FILE ID: PWFI	RECORD NAME: PWFI-TRAN-5	PAGE: 2 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PWFI-TRAN-5	GRP					1	80
03		PWFI-ID5		A/N	X(7)			1	7
03		PWFI-TRAN-CODE5		A/N	X(2)			8	9
03		PWFI-PLANT-AREA-CITY-NAME		A/N	X(15)			10	24
03		PWFI-PLANT-AREA-COUNTY-CODE		A/N	X(3)			25	27
03		PWFI-PLANT-INDIAN-RESERVATION		A/N	X(3)			28	30
03		PWFI-PLANT-RESIDENTIAL		A/N	X(1)			31	31
03		PWFI-PLANT-COMPANY-TOWN		A/N	X(1)			32	32
03		PWFI-PLANT-RECREATION		A/N	X(1)			33	33
03		PWFI-PLANT-MOBILE-HOMES		A/N	X(1)			34	34
03		PWFI-PLANT-INSTITUTION		A/N	X(1)			35	35
03		PWFI-PLANT-SCHOOL		A/N	X(1)			36	36
03		PWFI-PLANT-MOTEL		A/N	X(1)			37	37
03		PWFI-PLANT-RESTAURANT		A/N	X(1)			38	38

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: PWF-TRANSACTIONS	FILE ID: PWFI	RECORD NAME: PWFI-TRAN-5	PAGE: 3 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03		PWFI-PLANT-SERVICE-STATION		A/N	X(1)			39	39
03		PWFI-PLANT-CAMPGROUND		A/N	X(1)			40	40
03		PWFI-PLANT-PICNIC-AREA		A/N	X(1)			41	41
03		PWFI-PLANT-LODGE		A/N	X(1)			42	42
03		PWFI-PLANT-MARINA		A/N	X(1)			43	43
03		PWFI-PLANT-SKI-RESORT		A/N	X(1)			44	44
03		PWFI-PLANT-BATHING		A/N	X(1)			45	45
03		PWFI-PLANT-VISITOR-CENTER		A/N	X(1)			46	46
03		PWFI-PLANT-HWY-REST-AREA		A/N	X(1)			47	47
03		PWFI-PLANT-AIRPORT		A/N	X(1)			48	48
03		PWFI-PLANT-OTHER-AREA		A/N	X(1)			49	49
03		FILLER		A/N	X(31)			50	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) : Public Water System Inventory (Conversion Only)	DATE: 11-30-76	EXHIBIT: PWSI.219
	RECORD TYPE: Fixed RECORD SIZE: 80	PAGE: 1 OF 2
		RECORD ACCESS KEY: PWFI-ID6 PWFI-TRAN-CODE6
INPUT TO SUBSYSTEM (S) : Public Water System Inventory		
FILE NAME: PWF-TRANSACTION-FILE	FILE ID: PWFI	RECORD NAME: PWFI-TRAN-6

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MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: PWF-TRANSACTIONS	FILE ID: PWFI	RECORD NAME: PWFI-TRAN-6	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PWFI-TRAN-6	GRP					1	80
03		PWFI-ID6		A/N	X(7)			1	7
03		PWFI-TRAN-CODE6		A/N	X(2)			8	9
03		PWFI-PLANT-CONSECUTIVE-NUM-PWS		A/N	X(7)			10	16
03		PWFI-PLANT-INTERSTATE-CARRIER		A/N	X(1)			17	17
03		PWFI-PLANT-TYPE		A/N	X(1)			18	18
03		PWFI-PLANT-POPULATION-SERVED		A/N	X(9)			19	27
03		PWFI-PLANT-SERVICES-NUMBER		A/N	X(7)			28	34
03		PWFI-PLANT-METERS-NUMBER		A/N	X(7)			35	41
03		PWFI-PLANT-CONSEC-INDICATOR		A/N	X(1)			42	42
03		FILLER		A/N	X(38)			43	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Public Water System Inventory
(Conversion Only)

DATE: 11-30-76

EXHIBIT: PWSI.220

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 2

RECORD ACCESS KEY:

PWFI-ID7
PWFI-TRAN-CODE7

INPUT TO SUBSYSTEM (S) :

Public Water System Inventory

FILE NAME: PWF-TRANSACTION-FILE

FILE ID: PWFI

RECORD NAME: PWFI-TRAN-7

III

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: PWF-TRANSACTIONS	FILE ID: PWFI	RECORD NAME: PWFI-TRAN-7	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PWFI-TRAN-7	GRP					1	80
03		PWFI-ID7		A/N	X(7)			1	7
03		PWFI-TRAN-CODE7		A/N	X(2)			8	9
03		PWFI-PLANT-AVERAGE-PRODUCTION		A/N	X(10)			10	19
03		PWFI-PLANT-DESIGN-CAPACITY		A/N	X(10)			20	29
03		PWFI-PLANT-EMERGENCY-POWER		A/N	X(10)			30	39
03		PWFI-PLANT-STORAGE-CAPACITY		A/N	X(10)			40	49
03		PWFI-PLANT-MAX-PRODUCTION		A/N	X(10)			50	59
03		FILLER		A/N	X(21)			60	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Public Water System Inventory
(Conversion Only)

DATE: 11-30-76

EXHIBIT: PWSI.221

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 2

RECORD ACCESS KEY:

PWFI-ID8
PWFI-TRAN-CODE8

INPUT TO SUBSYSTEM (S) :

Public Water System Inventory

FILE NAME: PWF-TRANSACTION-FILE

FILE ID: PWFI

RECORD NAME: PWFI-TRAN-8

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: PWF-TRANSACTIONS	FILE ID: PWFI	RECORD NAME: PWFI-TRAN-8	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PWFI-TRAN-8	GRP					1	80
03		PWFI-ID8		A/N	X(7)			1	7
03		PWFI-TRAN-CODE8		A/N	X(2)			8	9
03		PWFI-PLANT-BEGIN-DATE		A/N	X(4)			10	13
03		PWFI-PLANT-LAST-SURVEY-DATE		A/N	X(6)			14	19
03		PWFI-PLANT-COMPLIANCE-CYCLE		A/N	X(2)			20	21
03		PWFI-PLANT-ACTIVITY		A/N	X(1)			22	22
03		PWFI-PLANT-DEACTIVATION-DATE		A/N	X(6)			23	28
03		PWFI-PLANT-DEACTIVATION-REASON		A/N	X(1)			29	29
03		PWFI-PLANT-MANUAL-FILE		A/N	X(12)			30	41
03		FILLER		A/N	X(39)			42	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Public Water System Inventory
(Conversion Only)

DATE: 11-30-76

EXHIBIT: PWSI.222

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 3

RECORD ACCESS KEY:

PWFI-ID9
PWFI-TRAN-CODE9

INPUT TO SUBSYSTEM (S) :

Public Water System Inventory

FILE NAME: PWF-TRANSACTION-FILE

FILE ID: PWFI

RECORD NAME: PWFI-TRAN-9

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: PWF-TRANSACTIONS	FILE ID: PWFI	RECORD NAME: PWFI-TRAN-9	PAGE: 2 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PWFI-TRAN-9	GRP					1	80
03		PWFI-ID9		A/N	X(7)			1	7
03		PWFI-TRAN-CODE9		A/N	X(2)			8	9
03		PWFI-STATE-POSTAL-CODE		A/N	X(2)			10	11
03		PWFI-STATE-REGULATE-BY		A/N	X(1)			12	12
03		PWFI-STATE-REGION		A/N	X(2)			13	14
03		PWFI-STATE-DISTRICT		A/N	X(2)			15	16
03		PWFI-STATE-BACTERIOLOGICAL-FLG		A/N	X(1)			17	17
03		PWFI-STATE-MONTHLY-MONITORING		A/N	X(1)			18	18
03		PWFI-STATE-NO-OF-SAMPLES		A/N	X(3)			19	21
03		PWFI-STATE-SEASON-BEGIN		A/N	X(4)			22	25
03		PWFI-STATE-SEASON-END		A/N	X(4)			26	29
03		PWFI-STATE-MIN-NO-DAILY-CHECKS		A/N	X(1)			30	30
03		PWFI-STATE-NCOM-SAMPLE-FREQ		A/N	X(3)			31	33

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: PWF-TRANSACTIONS	FILE ID: PWFI	RECORD NAME: PWFI-TRAN-9	PAGE: 3 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03		PWFI-STATE-MCL-HALT-CHECK-SAMP		A/N	X(1)			34	34
03		PWFI-STATE-CHLORINE		A/N	X(2)			35	36
03		PWFI-STATE-TURBIDITY-FLAG		A/N	X(1)			37	37
03		PWFI-STATE-TURBIDITY-UNITS		A/N	X(2)			38	39
03		FILLER		A/N	X(41)			40	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Public Water System Inventory
(Conversion Only)

DATE: 11-30-76

EXHIBIT: PWSI.223

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 2

RECORD ACCESS KEY:

PWFI-ID10
PWFI-TRAN-CODE10

INPUT TO SUBSYSTEM (S) :

Public Water System Inventory

FILE NAME: PWF-TRANSACTION-FILE

FILE ID: PWFI

RECORD NAME: PWFI-TRAN-10

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MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: PWF-TRANSACTIONS	FILE ID: PWFI	RECORD NAME: PWFI-TRAN-10	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PWFI-TRAN-10	GRP					1	80
03		PWFI-ID10		A/N	X(7)			1	7
03		PWFI-TRAN-CODE10		A/N	X(2)			8	9
03		PWFI-OCCURANCE10		A/N	X(1)			10	10
03		PWFI-STATE-CONTAMINANT-ID-CHEM		A/N	X(4)			11	14
03		PWFI-STATE-SAMPLING-FREQUENCY		A/N	X(3)			15	17
03		FILLER		A/N	X(63)			18	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Public Water System Inventory
(Conversion Only)

DATE: 11-30-76

EXHIBIT: PWSI.224

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 3

RECORD ACCESS KEY:

PWFI-ID11
PWFI-TRAN-CODE11

INPUT TO SUBSYSTEM (S) :

Public Water System Inventory

FILE NAME: PWF-TRANSACTION-FILE

FILE ID: PWFI

RECORD NAME: PWFI-TRAN-11

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: PWF-TRANSACTIONS	FILE ID: PWFI	RECORD NAME: PWFI-TRAN-11	PAGE: 2 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PWFI-TRAN-11	GRP					1	80
03		PWFI-ID11		A/N	X(7)			1	7
03		PWFI-TRAN-CODE11		A/N	X(2)			8	9
03		PWFI-STATE-ORGANIC-BEGIN-PERIO		A/N	X(4)			10	13
03		PWFI-STATE-ORGANIC-END-PERIOD		A/N	X(4)			14	17
03		PWFI-STATE-GROUND-WATER-MONITO		A/N	X(1)			18	18
03		PWFI-STATE-AIR-TEMPERATURE		A/N	X(3)			19	21
03		PWFI-STATE-NITRATE-FREQUENCY		A/N	X(4)			22	25
03		PWFI-STATE-RADIOACTIVE-FLAG		A/N	X(1)			26	26
03		PWFI-STATE-RADIOACTIVE-MONITOR		A/N	X(1)			27	27
03		PWFI-STATE-BETA-FREQ-MONTHS		A/N	X(2)			28	29
03		PWFI-STATE-NUCLEAR-FACILITY		A/N	X(1)			30	30
03		PWFI-STATE-NUCLEAR-FAC-TYPE1		A/N	X(1)			31	31
03		PWFI-STATE-NUCLEAR-FAC-TYPE2		A/N	X(1)			32	32

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: PWF-TRANSACTIONS	FILE ID: PWFI	RECORD NAME: PWFI-TRAN-11	PAGE: 3 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03		FILLER		A/N	X(48)			33	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Public Water System Inventory
(Conversion Only)

DATE: 11-30-76

EXHIBIT: PWSI.225

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 2

RECORD ACCESS KEY:

PWFI-ID12
PWFI-TRAN-CODE12

INPUT TO SUBSYSTEM (S) :

Public Water System Inventory

FILE NAME: PWF-TRANSACTION-FILE

FILE ID: PWFI

RECORD NAME: PWFI-TRAN-12

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MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: PWF-TRANSACTIONS	FILE ID: PWFI	RECORD NAME: PWFI-TRAN-12	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. SC.					FROM	TO
01		PWFI-TRAN-12	GRP					1	80
03		PWFI-ID12		A/N	X(7)			1	7
03		PWFI-TRAN-CODE12		A/N	X(2)			8	9
03		PWFI-OCCURANCE12		A/N	X(2)			10	11
03		PWFI-STATE-FAC-CONTAMINANT-ID		A/N	X(4)			12	15
03		PWFI-STATE-CONTAMINANT-FRQ		A/N	X(2)			16	17
03		FILLER		A/N	X(63)			18	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Public Water System Inventory
(Conversion Only)

DATE: 11-30-76

EXHIBIT: PWSI.226

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 2

RECORD ACCESS KEY:

PWFI-ID13
PWFI-TRAN-CODE13

INPUT TO SUBSYSTEM (S) :

Public Water System Inventory

FILE NAME: PWF-TRANSACTION-FILE

FILE ID: PWFI

RECORD NAME: PWFI-TRAN-13

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: PWF-TRANSACTIONS	FILE ID: PWFI	RECORD NAME: PWFI-TRAN-13	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PWFI-TRAN-13	GRP					1	80
03		PWFI-ID13		A/N	X(7)			1	7
03		PWFI-TRAN-CODE13		A/N	X(2)			8	9
03		PWFI-STATE-MONITOR-GROSS-ALPHA		A/N	X(2)			10	11
03		PWFI-STATE-MONITOR-RADIUM-MTHS		A/N	X(2)			12	13
03		PWFI-STATE-NUM-SAMPLES-PER-YR		A/N	X(1)			14	14
03		PWFI-STATE-REPORT-REQUIRED		A/N	X(1)			15	15
03		PWFI-STATE-LAST-REPORT-DATE		A/N	X(4)			16	19
03		PWFI-STATE-ENGLISH-METRIC-SYST		A/N	X(1)			20	20
03		FILLER		A/N	X(60)			21	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Public Water System Inventory
(Conversion Only)

DATE: 11-30-76

EXHIBIT: PWSI.227

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 2

RECORD ACCESS KEY:

PWFI-ID14
PWFI-TRAN-CODE14

INPUT TO SUBSYSTEM (S) :

Public Water System Inventory

FILE NAME: PWF-TRANSACTION-FILE

FILE ID: PWFI

RECORD NAME: PWFI-TRAN-14

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: PWF-TRANSACTIONS	FILE ID: PWFI	RECORD NAME: PWFI-TRAN-14	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PWFI-TRAN-14	GRP					1	80
03		PWFI-ID14		A/N	X(7)			1	7
03		PWFI-TRAN-CODE14		A/N	X(2)			8	9
03		PWFI-OCCURANCE14		A/N	X(1)			10	10
03		PWFI-LAB-ID		A/N	X(5)			11	15
03		PWFI-LAB-CAPTIVE-FLAG		A/N	X(1)			16	16
03		FILLER		A/N	X(64)			17	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Public Water System Inventory
(Conversion Only)

Variances & Exemptions

DATE: 11-30-76

EXHIBIT: PWSI.228

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 2

RECORD ACCESS KEY:

PWFI-ID15
PWFI-TRAN-CODE15

INPUT TO SUBSYSTEM (S) :

Public Water System Inventory

FILE NAME: PWF-TRANSACTION-FILE

FILE ID: PWFI

RECORD NAME: PWFI-TRAN-15

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: PWF-TRANSACTIONS	FILE ID: PWFI	RECORD NAME: PWFI-TRAN-15	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PWFI-TRAN-15	GRP					1	80
03		PWFI-ID15		A/N	X(7)			1	7
03		PWFI-TRAN-CODE15		A/N	X(2)			8	9
03		PWFI-OCCURANCE15		A/N	X(1)			10	10
03		PWFI-VAEX-CONTAMINANT-ID		A/N	X(4)			11	14
03		PWFI-VAEX-MODIFIED-MCL		A/N	X(5)			15	19
03		PWFI-MODIFIED-MCL-DEC		A/N	X(1)			20	20
03		PWFI-VAEX-ALT-MONITOR-FREQ		A/N	X(3)			21	23
03		FILLER		A/N	X(57)			24	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Public Water System Inventory
(Conversion Only)

DATE: 11-30-76

EXHIBIT: PWSI.229

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 3

RECORD ACCESS KEY:

PWFI-ID16
PWFI-TRAN-CODE16

INPUT TO SUBSYSTEM (S) :

Public Water System Inventory

FILE NAME: PWF-TRANSACTION-FILE

FILE ID: PWFI

RECORD NAME: PWFI-TRAN-16

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: PWF-TRANSACTIONS	FILE ID: PWFI	RECORD NAME: PWFI-TRAN-16	PAGE: 2 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PWFI-TRAN-16	GRP					1	80
03		PWFI-ID16		A/N	X(7)			1	7
03		PWFI-TRAN-CODE16		A/N	X(2)			8	9
03		PWFI-OCCURANCE16		A/N	X(2)			10	11
03		PWFI-PLANT-SOURCE-NAME		A/N	X(15)			12	26
03		PWFI-PLANT-SOURCE-CODE		A/N	X(1)			27	27
03		PWFI-PLANT-NUM-OF-WELLS		A/N	X(2)			28	29
03		PWFI-PLANT-AVAILABILITY		A/N	X(1)			30	30
03		PWFI-PLANT-BASIN-NUMBER		A/N	X(4)			31	34
03		PWFI-PLANT-LATITUDE		A/N	X(7)			35	41
03		PWFI-PLANT-LONGITUDE		A/N	X(7)			42	48
03		PWFI-PLANT-SELLER-ID		A/N	X(7)			49	55
03		PWFI-PLANT-AERATION		A/N	X(1)			56	56
03		PWFI-PLANT-PRECHLORINATION		A/N	X(1)			57	57

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: PWF-TRANSACTIONS	FILE ID: PWFI	RECORD NAME: PWFI-TRAN-16	PAGE: 3 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03		PWFI-PLANT-COAGULATION		A/N	X(1)			58	58
03		PWFI-PLANT-SEDIMENTATION		A/N	X(1)			59	59
03		PWFI-PLANT-FILTRATION		A/N	X(1)			60	60
03		PWFI-PLANT-CORROSION-CNTRL		A/N	X(1)			61	61
03		PWFI-PLANT-SOFTENING		A/N	X(1)			62	62
03		PWFI-PLANT-TASTE-ODOR		A/N	X(1)			63	63
03		PWFI-PLANT-IRON-REMOVAL		A/N	X(1)			64	64
03		PWFI-PLANT-AMMONIATION		A/N	X(1)			65	65
03		PWFI-PLANT-FLOURIDE-ADJUSTMENT		A/N	X(1)			66	66
03		PWFI-PLANT-DISINFECTION		A/N	X(1)			67	67
03		PWFI-PLANT-OTHER-TREATMENT		A/N	X(1)			68	68
03		FILLER		A/N	X(12)			69	80

EXHIBIT NO.'s PWSI.230 through 232

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NOTES

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Public Water System Inventory
(Conversion Only)

DATE: 11-30-76

EXHIBIT: PWSI.233

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 2

RECORD ACCESS KEY:

PWFI-ID17
PWFI-TRAN-CODE17

INPUT TO SUBSYSTEM (S) :

Public Water System Inventory

FILE NAME: PWF-TRANSACTION-FILE

FILE ID: PWFI

RECORD NAME: PWFI-TRAN-17

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: PWF-TRANSACTIONS	FILE ID: PWFI	RECORD NAME: PWFI-TRAN-17	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PWFI-TRAN-17	GRP					1	8
03		PWFI-ID17		A/N	X(7)			1	7
03		PWFI-TRAN-CODE17		A/N	X(2)			8	9
03		PWFI-NATIONAL-KEY		A/N	X(14)			10	23
03		FILLER		A/N	X(57)			24	80

140

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) : Public Water System Inventory	DATE: 1-21-77 EXHIBIT: PWSI.234	
	RECORD TYPE: Fixed RECORD SIZE: 136	PAGE: 1 OF 2
	RECORD ACCESS KEY:	
INPUT TO SUBSYSTEM (S) : Public Water System Inventory Water Quality Compliance Enforcement Actions Variances and Exemptions Operator and Mailing		
FILE NAME: Public Water Table	FILE ID: PWT	RECORD NAME: PWT-HEADER-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Public Water Table	FILE ID: PWT	RECORD NAME: PWT-HEADER-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PWT-HEADER-RECORD	GRP					1	136
03		PWT-HEADER-NO-OF-RECORDS	514	N	9(7)			1	7
03		PWT-HEADER-RECS-PER-TRK	515	N	9(3)			8	10
03		FILLER		A/N	x(126)			11	136

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :	DATE: 1-25-77	EXHIBIT: PWSI.235
	RECORD TYPE: Fixed RECORD SIZE: 80	PAGE: 1 OF 2
	RECORD ACCESS KEY: PWFI-PROC-KEY	
INPUT TO SUBSYSTEM (S) : Public Water System Inventory		
FILE NAME: Processing Options / FILE ID: PWFI	RECORD NAME: PWFI-PROC-RECORD	

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Processing Options	FILE ID: PWFI	RECORD NAME: PWFI-PROC-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PWFI-PROC-RECORD	GRP					1	80
03		PWFI-PROC-ID		A/N	X(4)			1	4
03		PWFI-PROC-DATE		A/N	X(6)			5	10
03		PWFI-PROC-STATE		A/N	X(2)			11	12
03		FILLER		A/N	X(68)			13	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :	**DATE:** 1-31-77	**EXHIBIT:** PWSI.236
	RECORD TYPE: Fixed **RECORD SIZE:** 80	**PAGE:** 1 OF 2
	RECORD ACCESS KEY: PWFI-SELECT-1-ID PWFI-SELECT-1-DE-NO	
INPUT TO SUBSYSTEM (S) : Public Water System Inventory		
FILE NAME: Processing Options	**FILE ID:** PWFI	**RECORD NAME:** PWFI-SELECT-1-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Processing Options	FILE ID: PWFI	RECORD NAME: PWFI-SELECT-1-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PWFI-SELECT-1-RECORD	GRP					1	80
03		PWFI-SELECT-1-ID		A/N	X(4)			1	4
03		PWFI-SELECT-1-MNEMONIC		A/N	X(10)			5	14
03		PWFI-SELECT-1-DE-VALUE		A/N	X(15)			15	29
03		PWFI-SELECT-1-DE-NO		A/N	X(2)			30	31
03		FILLER		A/N	X(49)			32	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :	DATE: 1-31-77	EXHIBIT: PWSI.237
	RECORD TYPE: Fixed RECORD SIZE: 80	PAGE: 1 OF 2
	RECORD ACCESS KEY: PWFI-SELECT-2-ID	
INPUT TO SUBSYSTEM (S) : Public Water System Inventory		
FILE NAME: Processing Options / FILE ID: PWFI	RECORD NAME: PWFI-SELECT-2-RECORD	

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Processing Options	FILE ID: PWFI	RECORD NAME: PWFI-SELECT-2-RFCORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PWFI-SELECT-2-RECORD	GRP					1	80
03		PWFI-SELECT-2-ID		A/N	X(4)			1	4
03		PWFI-SELECT-2-REL-SYMBOL	GRP			35		5	74
05		PWFI-SELECT-2-SYMBOL		A/N	X(2)				
03		FILLER		A/N	X(6)			75	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :	DATE: 1-31-77	EXHIBIT: PWSI.238
	RECORD TYPE: Fixed	PAGE: 1 OF 2
	RECORD SIZE: 80	
	RECORD ACCESS KEY: PWFI-PROC-ID	
INPUT TO SUBSYSTEM (S) : Public Water System Inventory		
FILE NAME: Processing Options	FILE ID: PWFI	RECORD NAME: PWFI-PROC-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Processing Options	FILE ID: PWFI	RECORD NAME: PWFI-PROC-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PWFI-PROC-RECORD	GRP					1	80
03		PWFI-PROC-ID		A/N	X(4)			1	4
03		PWFI-PROC-DATE		A/N	X(6)			5	10
03		FILLER		A/N	X(3)			11	13
03		PWFI-REPT-TYPE-PWSI030		A/N	X(1)			14	14
03		PWFI-REPT-TYPE-PWSI040		A/N	X(1)			15	15
03		PWFI-REPT-TYPE-PWSI050		A/N	X(1)			16	16
03		PWFI-REPT-TYPE-PWSI060		A/N	X(1)			17	17
03		FILLER		A/N	X(63)			18	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :	DATE: 11-18-76	EXHIBIT: PWSI.239
	RECORD TYPE: Fixed	PAGE: 1 OF 2
	RECORD SIZE: 80	
		RECORD ACCESS KEY:
INPUT TO SUBSYSTEM (S) : Public Water System Inventory		
Processing Option		
FILE NAME: PWF Sort Options	FILE ID: PWFI	RECORD NAME: PWFI-SORT-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: PWF Sort Options	FILE ID: PWFI	RECORD NAME: PWFI-SORT-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PWFI-SORT-RECORD	GRP					1	80
03		PWFI-SORT-ID		A/N	X(4)			1	4
03		PWFI-SORT-INFORMATION	GRP			5		5	69
05		PWFI-SORT-SEQUENCE		A/N	X(2)				
05		PWFI-SORT-MNEMONIC		A/N	X(10)				
05		PWFI-SORT-MODE		A/N	X(1)				
03		FILLER		A/N	X(11)			70	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :	DATE: 12/02/76	EXHIBIT: PSWI.240
	RECORD TYPE: Fixed RECORD SIZE: 80	PAGE: 1 OF 2
	RECORD ACCESS KEY:	
INPUT TO SUBSYSTEM (S) : Public Water System Inventory		
FILE NAME. PHF Processing Options	FILE ID: PHFI	RECORD NAME: PHFI-PROC-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: PHF Processing Options	FILE ID: PHFI	RECORD NAME: PHFI-PROC-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PHFI-PROC-RECORD	Grp					1	80
03		PHFI-PROC-ID		A/N	X(4)			1	4
03		PHFI-PROC-DATE		A/N	X(6)			5	10
03		FILLER		A/N	X(70)			11	80

PWSI030 1 OF 1
11/16/76

PRODUCE CONDENSED REPORT
SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER
EXHIBIT PWSI.300

PWSI030 MODEL STATE INFORMATION SYSTEM
PUBLIC WATER SYSTEM INVENTORY SUBSYSTEM

DATE XX/XX/XX CONDENSED REPORT PAGE ZZZZ9
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX ①

PWS-ID	REGION	DISTRICT	TYPE	MAILING NAME/ADDRESS	PLANT/OWNER ADDRESS	PLANT LOCATION	OWNER TYPE	POPULATION SERVED
XXXXXXX	XX	XX	X	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XX XXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XX XXXXX	CITY: XXXXXXXXXXXXXX COUNTY: XX	X	XXXXXXXXX

① TYPE OF PWF FILE BEING REPORTED

PWSI050 1 OF 1
11/18/76

STATE DISCRETIONARY DATA REPORT MODULE
SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER
EXHIBIT PWSI.301

MODEL STATE INFORMATION SYSTEM
PUBLIC WATER SYSTEM INVENTORY SUBSYSTEM

PWSI050

DATE XX/XX/XX

PUBLIC WATER SYSTEMS - STATE DISCRETIONARY DATA

PAGE ZZZZ9

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX 1

REGN	DIST	ID	NAME	BACTERIOLOGICAL										TURBIDITY	
				BACTI FLG	MONTHLY MONITOR	NO OF SAMPLES	SEASON START	SEASON END	MIN NO DAILY CHECKS	NCOM SAMPLE FREQ	MCL CHECK SAMPLE	HALT CHLORINE SAMPLES		TURBIDITY FLAG	TURBIDITY UNITS
XX	XX	XXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	X	X	XXX	XX/XX	XX/XX	X	XXX	X	XX		X	X.X

CHEMICALS

FOLLOW UP MONITOR CONTAMIN ID	SAMPLE FREQ	ORGANIC BEGIN	ORGANIC END	INORGANIC AIR TEMP	INORGANIC NITRATE FREQ
XXXX	XXX	XX/XX	XX/XX	XX.X	XXXX
XXXX	XXX				
XXXX	XXX				
XXXX	XXX				

RADIOACTIVE

RADIOACTIVE FLG	RADIOACTIVE MONITOR	[illegible] MONTHS	NUCLEAR FAC	MONITOR GROSS ALPHA	MONITOR RADIUM MTHS	NUM SAMPLES [illegible]	NUM SAMPLES YR	GROUND WATER MONITOR
X	X	XX	X X	XX	XX	X		X

LAB DATA:

ID	CAPTIVE
XXXXX	X
XXXXX	X
XXXXX	X
XXXXX	X
XXXXX	X

FACILITY CONTAMIN ID	CONTAMINANT FREQUENCY
XXXX	XX
XXXX	XX
XXXX	XX
XXXX	XX
XXXX	XX
XXXX	XX
XXXX	XX
XXXX	XX
XXXX	XX
XXXX	XX

VARIANCE OR EXEMPTION:

CONTAMINANT ID	MODIFIED MCL	ALT MONITOR FREQ
XXXXX	XXXXXXXXXXXXXX	XXX
XXXXX	XXXXXXXXXXXXXX	XXX
XXXXX	XXXXXXXXXXXXXX	XXX
XXXXX	XXXXXXXXXXXXXX	XXX

1 SUBHEADING TO THE REPORT - NEW PWS RECORDS
INCOMPLETE PWS RECORDS
PWS STATUS RECORDS
SELECTION EXTRACT FILE
RECORDS UNSUCCESSFULLY UPDATED

PWSI040 1 OF 1
11/18/76

PRODUCTION DATA REPORT MODULE

SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER

EXHIBIT PWSI.302

MODEL STATE INFORMATION SYSTEM
PUBLIC WATER SYSTEM INVENTORY SUBSYSTEM

PWSI040 PRODUCTION AND CAPACITY DATA PAGE ZZZZ9

DATE XX/XX/XX

PWS-ID	REG/ DIST	TYPE	UNITS	PWS NAME	POPULATION SERVED	SERVICES NUMBER	METERS NUMBER	AVERAGE PRODUCT	DESIGN CAPACITY	EMERGENCY POWER	STORAGE CAPACITY	MAXIMUM PRODUCTION
XXXXXXX	XX/XX	X	X	XXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXX	XXXXXXX	XXXXXXX	XXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX
XXXXXXX	XX/XX	X	X	XXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXX	XXXXXXX	XXXXXXX	XXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX
XXXXXXX	XX/XX	X	X	XXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXX	XXXXXXX	XXXXXXX	XXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX

PRODUCE COMPREHENSIVE REPORT
SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER
EXHIBIT PWSI.303

```
                                            MODEL STATE INFORMATION SYSTEM
PWSI060                                  PUBLIC WATER SYSTEM INVENTORY SUBSYSTEM

DATE XX/XX/XX                                      COMPREHENSIVE REPORT                                    PAGE ZZZZ9

PWS-ID: XXXXXXX  NAME: XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX          PHONE: (XXX) XXX-XXXX       INDIAN RESERVATION CODE: XXX
        PLANT ADDRESS: XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX          PLANT AREA LOCATION:        COMPLIANCE CYCLE: XX
                       XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XX XXXXX        CITY: XXXXXXXXXXXXXXX  POSTAL CODE: XX
         MAILING NAME: XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX                 COUNTY: XXX            PLANT TYPE: X   OWNER TYPE: X
      MAILING ADDRESS: XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                       XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XX XXXXX        REGION: XX        DISTRICT: XX    PLANT BEGIN DATE: XX/XX
PLANT   RESIDENTIAL: X  COMPANY TOWN: X  RECREATION  : X  MOBILE HOMES  : X  INSTITUTION  : X  SCHOOL   X  OTHER AREA: X
 SERVICE  MOTEL     : X  RESTAURANT   : X  SERV STATION: X  CAMPGROUND    : X  PICNIC AREA  : X  LODGE    X
  AREA:   MARINA    : X  SKI RESORT   : X  BATHING     : X  VISITOR CENTER: X  HWY REST AREA: X  AIRPORT: X
                                                                                 CONSECUTIVE INDICATOR: X
  POPULATION SERVED: XXXXXXXXX   NUMBER OF SERVICES: XXXXXXX   NUMBER OF METERS: XXXXXXX   NUMBER OF CONSECUTIVE PWS: XXXXXXX
  DESIGN CAPACITY:  XXXXXXXXXX   EMERGENCY POWER: XXXXXXXXXX   STORAGE CAPACITY:XXXXXXXXXX MAXIMUM PRODUCTION: XXXXXXXXXX
  INTERSTATE CARRIER:     X      AVERAGE PRODUCTION:XXXXXXXXXX LAST SURVEY DATE: XX/XX/XX  LAST UPDATE DATE:   XX/XX/XX
  DEACTIVATION REASON:    X      DEACTIVATION DATE: XX/XX/XX   MANUAL FILE: XXXXXXXXXXXX   REGULATE BY: X    ACTIVITY CODE: X

STATE DISCRETIONARY DATA:
  BACTERIOLOGICAL FLG: X     MINIMUM NUMBER DAILY CHECKS: X     NON-COMMUNITY SAMPLING FREQ: XXX              SEASON
  MONTHLY MONITORING:  X     SAMPLES PER QUARTER: XXX           MCL HALT CHECK SAMPLE: X            START: XX/XX    END: XX/XX
  CHLORINE : XX              TURBIDITY FLAG: X                  TURBIDITY UNITS: X.X

FOLLOW UP:           CONTAMINANT ID:      XXXX      XXXX      XXXX      XXXX
                     SAMPLING FREQ :      XXX       XXX       XXX       XXX
  ORGANIC CHEMICALS:                ORGANIC                  INORGANIC CHEMICALS:
                     BEGIN PERIOD: XX/XX END PERIOD: XX/XX                 AIR TEMPERATURE: XX.X     NITRATE FREQUENCY: XXXX
RADIOACTIVE: FLAG: X  MONITORING: X  BETA FREQUENCY MONTHS: XX  MONITOR GROSS ALPHA: XX  MONITOR RADIUM MONTHS: XX
            GROUND WATER MONITOR: X  NO SAMPLES PER YEAR: X     NUCLEAR FACILITY: X      NUCLEAR FACILITY TYPES:  X  X
        FACILITY CONTAMINANT ID: XXXX    XXXX    XXXX    XXXX    XXXX    XXXX    XXXX    XXXX    XXXX    XXXX
          SAMPLING FREQUENCY:      XX      XX      XX      XX      XX      XX      XX      XX      XX      XX
OPERATING REPORT:    REPORT REQUIRED: X  LAST REPORT DATE: XX/XX  GENERIC METRIC SYSTEM: X
  STATE RESERVED:

LAB DATA:                                                VARIANCE OR EXEMPTION:
          LAB ID:       XXXXX XXXXX XXXXX XXXXX XXXXX          CONTAMINANT ID  :     XXXX       XXXX       XXXX       XXXX
          CAPTIVE FLG:    X     X     X     X     X            MODIFIED MCL    : XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX
PLANT SOURCES NUMBER: XX                                       ALT MONITOR FREQ:     XXX        XXX        XXX        XXX
SOURCE INFORMATION:                                                                                          TREATMENTS
                                                                                                 A P C S F C S T I A F D O P
                                                                                                 E R O E I O O A R M L I T E
                                                                                                 R E A D L P F S O M U S H S
                       SOURCE     NUMBER                    BASIN                          SELLER  A C G I T R T T N O O I E E
   SOURCE NAME          CODE     OF WELLS   AVAILABILITY    NUMBER   LATITUDE   LONGITUDE    ID    T H L M R O E E R N R N R R

 XXXXXXXXXXXXXXX          X         XX           X           XXXX    XXX.XX.XX  XXX.XX.XX  XXXXXXX X X X X X X X X X X X X X X
 XXXXXXXXXXXXXXX          X         XX           X           XXXX    XXX.XX.XX  XXX.XX.XX  XXXXXXX X X X X X X X X X X X X X X
 XXXXXXXXXXXXXXX          X         XX           X           XXXX    XXX.XX.XX  XXX.XX.XX  XXXXXXX X X X X X X X X X X X X X X
```

EXHIBIT NO. PWSI.304

has been intentionally left out.

PWSI120 1 OF 1
11/16/76

CONVERT NATIONAL INVENTORY MODULE
SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER
EXHIBIT PWSI.305

MODEL STATE INFORMATION SYSTEM
PUBLIC WATER SYSTEM INVENTORY SUBSYSTEM

PWSI120
DATE XX/XX/XX

NATIONAL PUBLIC WATER FILE
CONVERTED DATA REPORT

PAGE ZZZZ9

PWS PLANT ID: XXXXXXX NATIONAL KEY: XXXXXXXXXXXXXX
NAME: XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX PHONE: XXXXX XXXXXXXX
LOCATION: XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX OWNER TYPE: X
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XX XXXXX

------PLANT------
COUNTY CODE : XXX
POPULATION SERVED: XXXXXXXXX
NUMBER SERVICES : XXXXXXX
NUMBER METERS : XXXXXXX
BEGIN DATE : XX/XX

-----PLANT-----
DESIGN CAPACITY : XXXXXXXXXX
EMERGENCY POWER : XXXXXXXXXX
STORAGE CAPACITY: XXXXXXXXXX
AVERAGE CAPACITY: XXXXXXXXXX
MAX. PRODUCTION : XXXXXXXXXX

SERVICE AREA CHARACTERISTICS | COMMUNITY: X | COMPANY TOWN: X | RECREATION : X | MOBILE HOME PARK: X | INSTITUTION : X
SCHOOL : X | MOTEL : X | RESTAURANT : X | SERVICE STATION: X | CAMPGROUND : X | PICNIC AREA : X
LODGE : X | MARINA : X | SKI RESORT : X | BATHING : X | VISITOR CENTER : X | HIGHWAY REST AREA: X
OTHER : X

PWS PLANT: LAST UPDATE DATE: XX/XX/XX

SOURCE NAME	LATITUDE	LONGITUDE	SOURCE CODE	TREATMENTS	SOURCES 1	2	3	4	5	6	7	8	9	10	11	12
1 XXXXXXXXXXXXXXX	XXXXXXX	XXXXXXX	X	AERATION	X	X	X	X	X	X	X	X	X	X	X	X
				PRECHLORINATION	X	X	X	X	X	X	X	X	X	X	X	X
				COAGULATION	X	X	X	X	X	X	X	X	X	X	X	X
				SEDIMENTATION	X	X	X	X	X	X	X	X	X	X	X	X
				FILTRATION	X	X	X	X	X	X	X	X	X	X	X	X
				CORROSION CNTRL	X	X	X	X	X	X	X	X	X	X	X	X
				SOFTENING	X	X	X	X	X	X	X	X	X	X	X	X
				TASTE ODOR	X	X	X	X	X	X	X	X	X	X	X	X
				IRON REMOVAL	X	X	X	X	X	X	X	X	X	X	X	X
				AMMONIATION	X	X	X	X	X	X	X	X	X	X	X	X
				FLUORIDE ADJUST	X	X	X	X	X	X	X	X	X	X	X	X
				DISINFECTION	X	X	X	X	X	X	X	X	X	X	X	X

PWSI090 1 OF 1
11/18/77

PHF PURGE MODULE
SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER
EXHIBIT PWSI.306

PWSI090 MODEL STATE INFORMATION SYSTEM
PUBLIC WATER SYSTEM INVENTORY SUBSYSTEM

DATE XX/XX/XX PUBLIC HISTORY FILE PURGE REPORT PAGE ZZZZ9
PURGE DATE: XX/XX/XX

PWS-ID	PWS NAME	CURRENT UPDATE	REGION DIST	LAST UPDATE	DATA ELEMENT CTLG.NO	NEW VALUE	OLD VALUE
XXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XX/XX/XX	XX	XX/XX/XX	XXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX

PWSI070 1 of 1
1/12/77

PHP Maintenance Module
SouthWestern Ohio Regional Computer Center

EXHIBIT PWSI.307

PWSI070

DATE XX/XX/XX

MODEL STATE INFORMATION SYSTEM
PUBLIC WATER SYSTEM INVENTORY SUBSYSTEM

PUBLIC WATER SYSTEM INVENTORY UPDATE REPORT
OPTION: XXXXXXXXXXXXXXX ①

PAGE ZZZZ9

PWS-ID	PWS NAME	CURRENT UPDATE	REGION DIST	LAST UPDATE	DATA ELEMENT CTLG.NO	NEW VALUE	OLD VALUE
XXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XX/XX/XX	XX	XX/XX/XX	XXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

① X's will be replaced by one of the following:

a. CURRENT UPDATES
b. ALL UPDATES

EXHIBIT NO. PWSI.308

has been intentionally left out.

PWSI010 1 OF 1
3/2/77

PWF DATA ENTRY AND UPDATE MODULE
SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER
EXHIBIT PWSI.309

MODEL STATE INFORMATION SYSTEM
PUBLIC WATER SYSTEM INVENTORY SUBSYSTEM

PWSI010 PWF UPDATE STATISTICS REPORT PAGE ZZZZ9

DATE XX/XX/XX

	-- TOTAL --	% RELATIVE TO THE ORIGINAL FILE
1. NUMBER OF RECORDS ORIGINALLY ON THE FILE	ZZZ,ZZZ,ZZ9	
2. NUMBER OF ACCEPTABLE DATA ENTRY TRANSACTIONS	ZZZ,ZZZ,ZZ9	
3. NUMBER OF STANDARD ERROR RECORDS CREATED	ZZZ,ZZZ,ZZ9	
4. NUMBER OF RECORDS MODIFIED ON THE FILE	ZZZ,ZZZ,ZZ9	ZZ9 %
5. NUMBER OF NEW RECORDS ADDED TO THE FILE	ZZZ,ZZZ,ZZ9	ZZ9 %
6. NUMBER OF DEACTIVATED RECORDS ON THE FILE	ZZZ,ZZZ,ZZ9	ZZ9 %
7. NUMBER OF RECORDS DEACTIVATED THIS RUN	ZZZ,ZZZ,ZZ9	
8. NUMBER OF RECORDS DELETED THIS RUN	ZZZ,ZZZ,ZZ9	ZZ9 %
9. NUMBER OF RECORDS NOW ON THE FILE	ZZZ,ZZZ,ZZ9	ZZ9 %
10. NUMBER OF NEW PWS RECORDS	ZZZ,ZZZ,ZZ9	
11. NUMBER OF INCOMPLETE PWS RECORDS	ZZZ,ZZZ,ZZ9	
12. NUMBER OF PWS STATUS RECORDS	ZZZ,ZZZ,ZZ9	
13. NUMBER OF UNSUCCESSFUL UPDATE RECORDS	ZZZ,ZZZ,ZZ9	

EXHIBIT NO. PWSI.310

has been intentionally left out.

PWSI080 1 OF 1
12/14/76

PHF SELECTION MODULE
SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER
EXHIBIT PWSI.311

MODEL STATE INFORMATION SYSTEM
PUBLIC WATER SYSTEM INVENTORY SUBSYSTEM

PWSI080
DATE XX/XX/XX

PUBLIC HISTORY FILE SELECTION REPORT

PAGE ZZZZ9

PWS-ID	PWS NAME	CURRENT UPDATE	REGION DIST	LAST UPDATE	DATA ELEMENT CTLG.NO	NEW VALUE	OLD VALUE
XXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XX/XX/XX	XX	XX XX/XX/XX	XXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XX/XX/XX	XX	XX XX/XX/XX	XXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXX

PWSI090 1 of 1
11/18/76

PHF Purge Module
SouthWestern Ohio Regional Computer Center
EXHIBIT PWSI.312

PWSI090 MODEL STATE INFORMATION SYSTEM
PUBLIC WATER SYSTEM INVENTORY SUBSYSTEM

DATE XX/XX/XX PUBLIC HISTORY FILE PURGE STATISTICS REPORT PAGE ZZZZ9

	-- TOTAL --	% RELATIVE TO THE ORIGINAL FILE
1. NUMBER OF RECORDS ORIGINALLY ON THE FILE	ZZZ,ZZZ,ZZ9	
2. NUMBER OF RECORDS PURGED THIS RUN	ZZZ,ZZZ,ZZ9	ZZ9%
3. NUMBER OF RECORDS NOW ON THE FILE	ZZZ,ZZZ,ZZ9	ZZ9%

EXHIBIT NO. PWSI.313

has been intentionally left out.

PWSI130 1 of 1
1/25/77

PUBLIC WATER TABLE CREATE

SouthWestern Ohio Regional Computer Center

PWSI.314

PWSI130

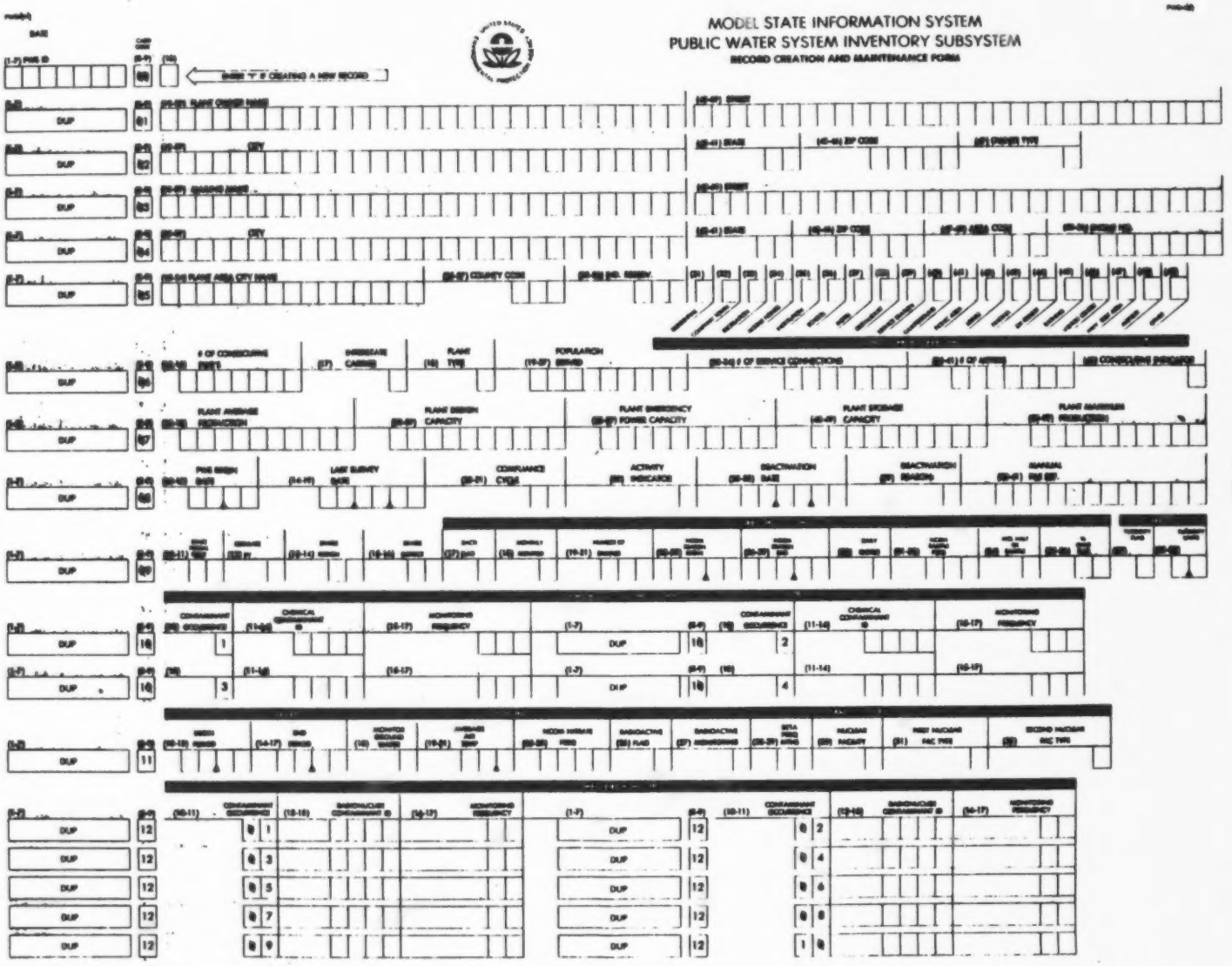
DATE XX/XX/XX

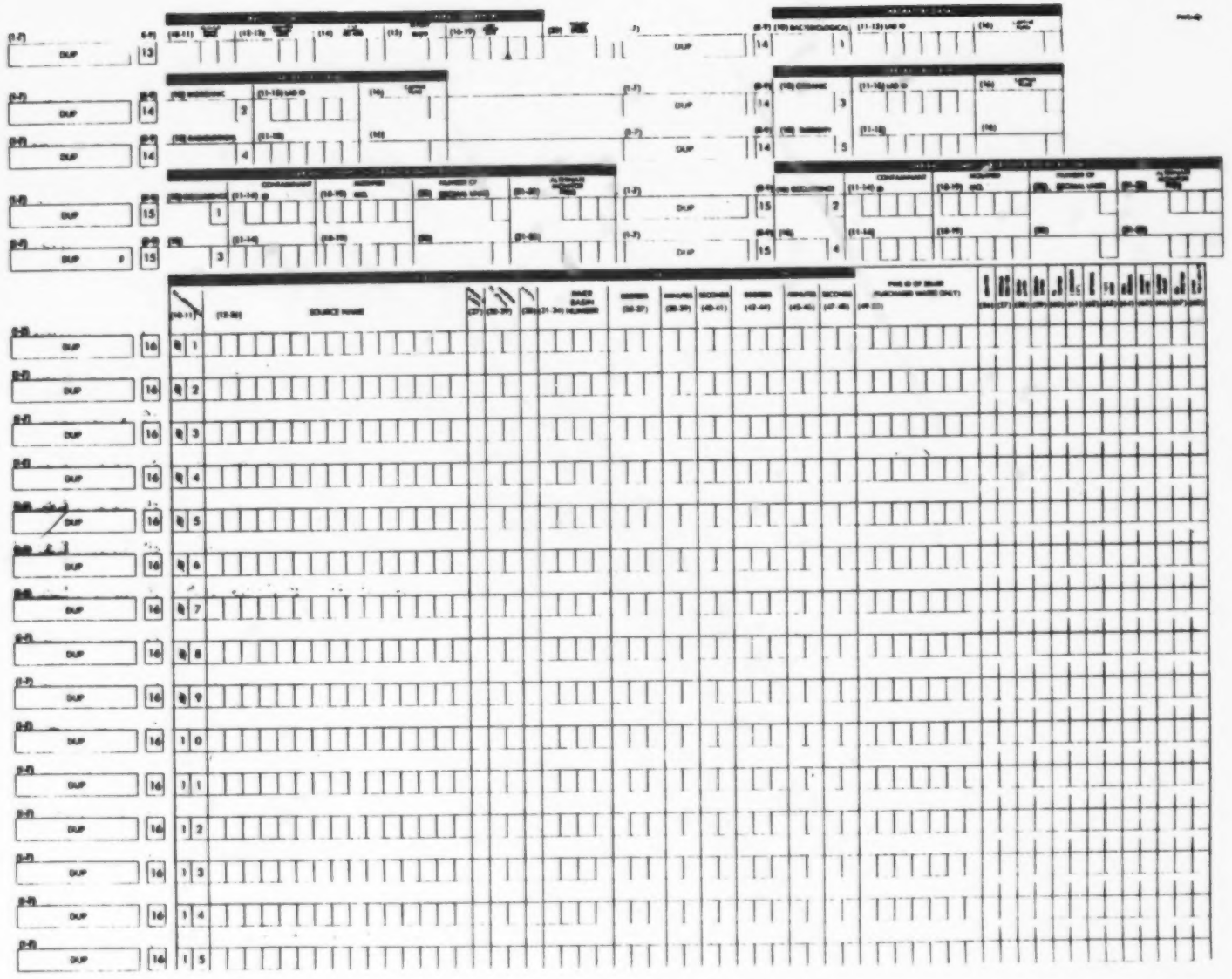
MODEL STATE INFORMATION SYSTEM
PUBLIC WATER SYSTEM INVENTORY SUBSYSTEM

PUBLIC WATER TABLE STATISTICS REPORT

PAGE ZZZZ9

	-- TOTAL --
1. NUMBER OF RECORDS ON THE PUBLIC WATER FILE	ZZZ,ZZZ,ZZ9
2. NUMBER OF RECORDS WRITTEN TO THE PUBLIC WATER TABLE	ZZZ,ZZZ,ZZ9


MODEL STATE INFORMATION SYSTEM
PUBLIC WATER SYSTEM INVENTORY SUBSYSTEM
RECORD CREATION AND MAINTENANCE FORM
DUP



NOTES

REG9010

MODEL STATE INFORMATION SYSTEM
REGULATIONS SUBSYSTEM

REGS.100

PROCESSING OPTIONS FOR JOB _____

CARD ID: P A 0 C (1-4)

DATE: M D Y (5-10)

STANDARD ERROR PROCESSING OPTIONS:

☐ 11 Y = YES, N = NO — CREATE A SPECIAL FILE OF ERROR RECORDS

☐ 12 Y = YES, N = NO — PRINT ONLY THE DATA ELEMENT FIELDS WHICH WERE IN ERROR - NOT THE ENTIRE RECORD

PREPARED BY _____ DATE __/__/__

APPROVED BY _____ DATE __/__/__

REGS010

MODEL STATE INFORMATION SYSTEM

REGULATIONS SUBSYSTEM

REGS.101

CHEMICAL CONTAMINANT INPUT FORM

CONTAMINANT ID (1 - 4) | REGULATION/LEVEL (5-6) | CHEMICAL NAME (7 - 17) | REASON FOR MONITORING (18)

MCL UNITS (19 - 24) | MCL (25 - 30) | MCL DECIMALS (31) | REASONABLE BOUNDS LOWER (32 - 36) | DECIMALS (37) | UPPER (38 - 42) | DECIMALS (43) | NUMBER OF CHECK SAMPLES REQUIRED IF REGULAR SAMPLE VIOLATES MCL (44)

SEASONAL SAMPLING (ORGANIC ONLY) (45) | SPECIAL COMPUTATION (46) | MAXIMUM TIME TO INITIATE SECOND SAMPLE ANALYSIS IF REGULAR SAMPLE IS IN VIOLATION (NITRATE ONLY) (47-48) | PERIOD WITHIN WHICH CHECK SAMPLES MUST BE MADE (49-50)

PWS TYPE	EFFECTIVE DATE (M D Y)	MONITORING SOURCE TYPE	REQUIREMENTS YEARS TO FIRST SAMPLE	NORMAL SAMPLING FREQUENCY	IF MCL SAMPLING FREQUENCY	IS VIOLATED MINIMUM NUMBER OF SUCCESSIVE NEGATIVE SAMPLES
COMMUNITY:	(51 - 56)	GROUND:	(57)	(58 - 61)	(62 - 65)	(66-67)
		SURFACE:	(68)	(69 - 72)	(73 - 76)	(77-78)

CARD CODE: C 1 (79-80)

DUP 1-6

	EFFECTIVE DATE (M D Y)					
NON-COMMUNITY:	(51 - 56)	GROUND:	(57)	(58 - 61)	(62 - 65)	(66-67)
		SURFACE:	(68)	(69 - 72)	(73 - 76)	(77-78)

PREPARED BY _____ DATE ___/___/___

APPROVED BY _____ DATE ___/___/___

CARD CODE: C 2 (79-80)

AE03010

MODEL STATE INFORMATION SYSTEM
REGULATIONS SUBSYSTEM

REGS.102

TURBIDITY CONTAMINANT INPUT FORM

CONTAMINANT ID: 0 1 0 0 (1 - 4)

REGULATION/LEVEL: ☐☐ (5-6)

CONTAMINANT NAME: T U R B I D I T Y (7 - 15)

MCL FOR MONTHLY AVERAGE: ☐☐ (16-17)

MCL FOR CONSECUTIVE SAMPLES: ☐☐ (18-19)

NUMBER OF CONSECUTIVE SAMPLES: ☐☐ (20-21)

EFFECTIVE DATE: M D Y ☐☐/☐☐/☐☐ (22 - 27)

APPLY TO ALL SOURCES: ☐ (28)

INCLUDE REPEAT SAMPLES IN AVERAGE: ☐ (29)

FREQUENCY OF MONITORING

COMMUNITY PWS: ☐☐☐ (30-32)

NON-COMMUNITY PWS: ☐☐☐ (33-35)

MAXIMUM RESAMPLING PERIOD IF MCL EXCEEDED: ☐☐ (36-37)

PREPARED BY _____ DATE ___/___/___

APPROVED BY _____ DATE ___/___/___

CARD CODE: T 1 (79-80)

REG9010

MODEL STATE INFORMATION SYSTEM

REG9.103

REGULATIONS SUBSYSTEM

POPULATION TABLE FOR BACTERIOLOGICAL SAMPLING INPUT FORM

CONTAMINANT ID: 3 0 0 0 (1 - 4)

REGULATION/LEVEL: ☐☐ (5-6)

TABLE ID: 1 (7)

	POPULATION LOWER LIMIT (8 - 16)	POPULATION UPPER LIMIT (17 - 25)	MINIMUM SAMPLES PER MONTH (26-28)	CARD CODE
DUP	☐☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐	☐☐☐	DUP
1-7	☐☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐	☐☐☐	79-80
.	☐☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐	☐☐☐	.
.	☐☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐	☐☐☐	.
.	☐☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐	☐☐☐	.
.	☐☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐	☐☐☐	.
.	☐☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐	☐☐☐	.
.	☐☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐	☐☐☐	.
.	☐☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐	☐☐☐	.
.	☐☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐	☐☐☐	.
.	☐☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐	☐☐☐	.
.	☐☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐	☐☐☐	.
.	☐☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐	☐☐☐	.
.	☐☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐	☐☐☐	.
.	☐☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐	☐☐☐	.
	8 - 16	17 - 25	26-28	

PREPARED BY _____ DATE __/__/__

APPROVED BY _____ DATE __/__/__

CARD CODE: P 1 (79-80)

REG3010

MODEL STATE INFORMATION SYSTEM

REGULATIONS SUBSYSTEM

REG3.104

BACTERIOLOGICAL CONTAMINANT INPUT FORM

CONTAMINANT ID [3][0][1][0] (1 - 4) | REGULATION/LEVEL [ ][ ] (5-6) | CONTAMINANT NAME [C][O][L][I][F][O][R][M] (7 - 14) | EFFECTIVE DATE M D Y [ ][ ]/[ ][ ]/[ ][ ] (15 - 20)

ANALYSIS METHOD	UNIT	SINGLE SAMPLE MCL	MONTHLY MCL	PERCENT OF SAMPLES	MINIMUM REQUIRED SAMPLES TO USE PERCENT	MCL WHEN PERCENT IS USED
MEMBRANE FILTER	COLIFORM	[ ][ ] 21-22	[ ][ ] 23-24	[ ][ ] 25-26	[ ][ ] 27-28	[ ][ ] 29-30
FERMENTATION TUBE 10ML.	POSITIVE TUBES	[ ][ ] 31-32	[ ][ ] (%) 33-34	[ ][ ] 35-36	[ ][ ] 37-38	[ ][ ] 39-40
FERMENTATION TUBE 100ML.	POSITIVE TUBES	[ ][ ] 41-42	[ ][ ] (%) 43-44	[ ][ ] 45-46	[ ][ ] 47-48	[ ][ ] 49-50

REQUIREMENTS FOR WAIVER OF ONE MONTH SAMPLING | MAXIMUM REQUIRED SAMPLES [ ] 51 | SAMPLING PERIOD [ ] 52

CHECK SAMPLING REQUIREMENTS IF SINGLE SAMPLE MCL IS VIOLATED

MINIMUM NUMBER OF CONSECUTIVE DAILY CHECK SAMPLES [ ] 53

MINIMUM NUMBER OF CONSECUTIVE NEGATIVE PORTIONS [ ] 54

MINIMUM NUMBER OF CONSECUTIVE NEGATIVE MEMBRANE FILTERS [ ][ ] 55-56

CHLORINE RESIDUAL METHOD NUMBER OF SAMPLES IN LIEU OF ONE REGULAR SAMPLE [ ][ ] 57-58

MAXIMUM PERCENT OF REGULAR SAMPLES [ ][ ] 59-60

MINIMUM CHLORINE LEVEL [ ][ ] 61-62

MAXIMUM TIME TO RETEST CHLORINE LEVEL [ ][ ] 63-64

NON-COMMUNITY PWS MONITORING FREQUENCY

EFFECTIVE DATE M D Y [ ][ ]/[ ][ ]/[ ][ ] 65 - 70

SEASONAL SAMPLING [ ] 71

PERIOD [ ] 72

NUMBER OF SAMPLES PER PERIOD [ ][ ] 73-74

PREPARED BY _____ DATE ___/___/___

APPROVED BY _____ DATE ___/___/___

CARD CODE: [M][1] 79-80

REG3010

MODEL STATE INFORMATION SYSTEM
REGULATIONS SUBSYSTEM

REG3.105

FLUORIDE MCL TABLE INPUT FORM

CONTAMINANT ID: [1][0][2][5] (1 - 4)

REGULATION/LEVEL: [ ][ ] (5-6)

TABLE ID: [2] (7)

TEMPERATURE RANGES AND CORRESPONDING MCL

CARD CODE

	FAHRENHEIT		CELSIUS		MCL		
	LOWER	UPPER	LOWER	UPPER			
	8-10	11-13	14-16	17-19	20 - 25		
DUP	[ ][ ][ ]	[ ][ ][ ]	[ ][ ][ ]	[ ][ ][ ]	[ ][ ][ ][ ][ ][ ]	DUP	DUP
1-7	[ ][ ][ ]	[ ][ ][ ]	[ ][ ][ ]	[ ][ ][ ]	[ ][ ][ ][ ][ ][ ]	26-37	79-80
.	[ ][ ][ ]	[ ][ ][ ]	[ ][ ][ ]	[ ][ ][ ]	[ ][ ][ ][ ][ ][ ]	(BELOW)	.
.	[ ][ ][ ]	[ ][ ][ ]	[ ][ ][ ]	[ ][ ][ ]	[ ][ ][ ][ ][ ][ ]	.	.
.	[ ][ ][ ]	[ ][ ][ ]	[ ][ ][ ]	[ ][ ][ ]	[ ][ ][ ][ ][ ][ ]	.	.
.	[ ][ ][ ]	[ ][ ][ ]	[ ][ ][ ]	[ ][ ][ ]	[ ][ ][ ][ ][ ][ ]	.	.
.	[ ][ ][ ]	[ ][ ][ ]	[ ][ ][ ]	[ ][ ][ ]	[ ][ ][ ][ ][ ][ ]	.	.
.	[ ][ ][ ]	[ ][ ][ ]	[ ][ ][ ]	[ ][ ][ ]	[ ][ ][ ][ ][ ][ ]	.	.
.	[ ][ ][ ]	[ ][ ][ ]	[ ][ ][ ]	[ ][ ][ ]	[ ][ ][ ][ ][ ][ ]	.	.
.	[ ][ ][ ]	[ ][ ][ ]	[ ][ ][ ]	[ ][ ][ ]	[ ][ ][ ][ ][ ][ ]	.	.
	8-10	11-13	14-16	17-19	20 - 25		

REASONABLE BOUNDS

26-28	29-31	32-34	35-37
[ ][ ][ ]	[ ][ ][ ]	[ ][ ][ ]	[ ][ ][ ]

PREPARED BY _____ DATE ___/___/___

APPROVED BY _____ DATE ___/___/___

CARD CODE: [F][1] (79-80)

REG3010

MODEL STATE INFORMATION SYSTEM

REG3.106

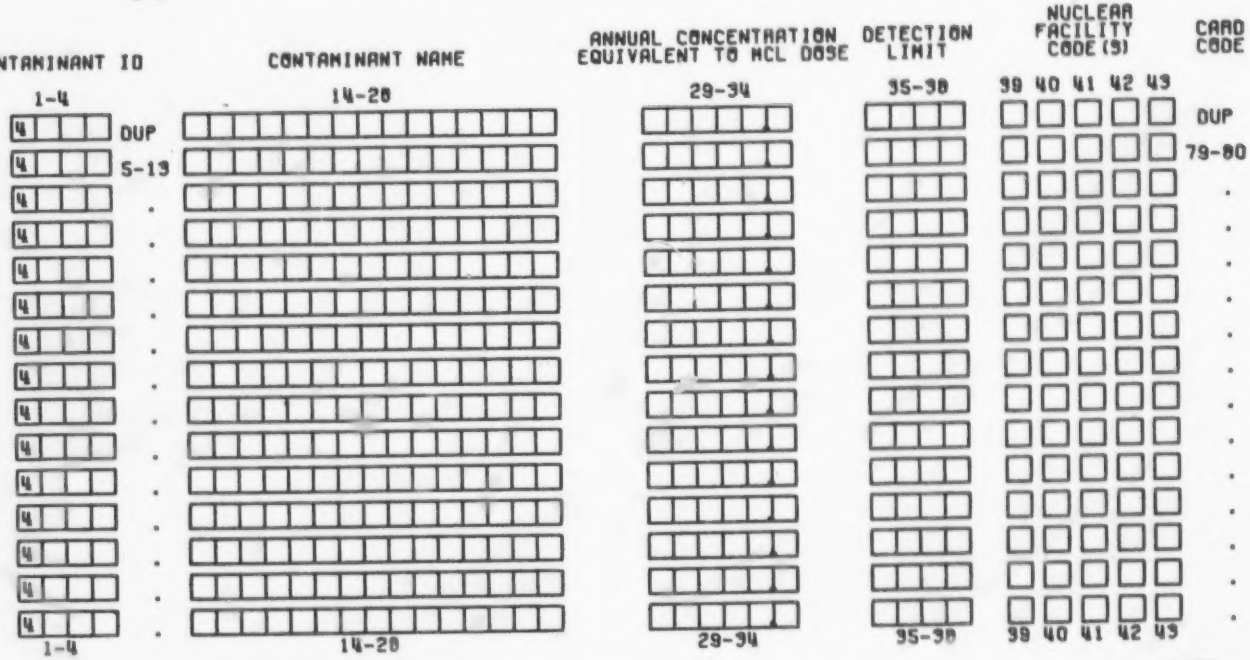
REGULATIONS SUBSYSTEM

MAJOR BETA EMITTER TABLE INPUT FORM

REGULATION/LEVEL (5-6)

TABLE ID [3] (7)

EFFECTIVE DATE M D Y (8-13)



PREPARED BY _____ DATE __/__/__

APPROVED BY _____ DATE __/__/__

CARD CODE: [E][1] (79-80)

REG3010

MODEL STATE INFORMATION SYSTEM

REG3.107

REGULATIONS SUBSYSTEM

GROSS ALPHA RADIONUCLIDE CONTAMINANT INPUT FORM

CONTAMINANT ID	REGULATION LEVEL	CONTAMINANT NAME	EFFECTIVE DATE
4000		GROSS ALPHA	M D Y
1-4	5-6	7-17	18-23

MCL AND SCREENING LEVELS GROSS ALPHA MCL	COMBINED RADIUM MCL	MAXIMUM GROSS ALPHA SCREENING LEVEL WITHOUT RADIUM-228	WITH RADIUM-228	MAXIMUM RADIUM-226 SCREENING LEVEL FOR RADIUM-228	FOR ANNUAL MONITORING
24-26	27-29	30-32	33-35	36-38	39-41

SAMPLING AND ANALYSIS REQUIREMENTS

NUMBER OF CONSECUTIVE QUARTERLY SAMPLES	NORMAL MONITORING FREQUENCY	INITIAL MONITORING PERIOD FOR NEW WATER SOURCE	FRACTION OF MCL AT WHICH TO SUBSTITUTE SINGLE ANNUAL SAMPLE
42	43	44-45	46-47

MONITORING FREQUENCY IF PWS IS IN VIOLATION	ANNUAL COMPOSITE OR MULTIPLE SAMPLE AVERAGE REQUIRED	THESE REGULATIONS APPLY TO COMMUNITY, NON-COMMUNITY OR BOTH
48-49	50	51

PREPARED BY _____ DATE __/__/__

APPROVED BY _____ DATE __/__/__

CARD CODE: A1 (79-80)

REGS010 REGS.10B

MODEL STATE INFORMATION SYSTEM

REGULATIONS SUBSYSTEM

GROSS BETA RADIONUCLIDE CONTAMINANT INPUT FORM

CONTAMINANT ID: 4 1 0 0 (1-4)

REGULATION/LEVEL: ☐☐ (5-6)

CONTAMINANT NAME: G R O S S _ B E T A (7-16)

EFFECTIVE DATE: ☐☐☐☐☐☐ (17-22)

MCL AND SCREENING LEVELS

- MAN-MADE RADIONUCLIDE ANNUAL MCL DOSAGE: ☐☐ (23-24)
- TRITIUM SCREENING LEVEL: ☐☐☐☐☐ (25-29)
- STRONTIUM-90 SCREENING LEVEL: ☐☐☐ (30-32)

MAXIMUM GROSS BETA SCREENING LEVELS

- FOR MAJOR BETA EMITTERS - NO NUCLEAR FACILITY CONTAMINATION: ☐☐☐ (33-35)
- FOR MAJOR BETA EMITTERS - WATERS CONTAMINATED BY A NUCLEAR FACILITY: ☐☐☐ (36-38)
- FOR STRONTIUM-89 AND CESIUM-134 - WATERS CONTAMINATED BY A NUCLEAR FACILITY: ☐☐☐ (39-41)

SAMPLING AND ANALYSIS REQUIREMENTS

- THESE REGULATIONS APPLY TO COMMUNITY, NON-COMMUNITY OR BOTH: ☐ (42)
- REQUIRE MONITORING OF GROUND WATER SOURCES: ☐ (43)
- COMPOSITE OR SAMPLE AVERAGE REQUIRED: ☐ (44)
- MINIMUM POPULATION FOR REQUIRED ANNUAL MONITORING: ☐☐☐☐☐☐ (45-50)

NO NUCLEAR FACILITY CONTAMINATION

- INITIAL NUMBER OF SAMPLES PER YEAR: ☐ (51)
- NORMAL MONITORING FREQUENCY: ☐ (52)
- MONITORING FREQUENCY IF PWS IS IN VIOLATION: ☐☐ (53-54)

WATERS CONTAMINATED BY A NUCLEAR FACILITY

- NUMBER OF SAMPLES PER YEAR
  - IODINE-131: ☐☐ (55-56)
  - STRONTIUM-90 AND TRITIUM: ☐☐ (57-58)
- NORMAL MONITORING FREQUENCY
  - IODINE-131: ☐☐ (59-60)
  - STRONTIUM-90 AND TRITIUM: ☐☐ (61-62)
- MONITORING FREQUENCY IF PWS IS IN VIOLATION: ☐☐ (63-64)
- IODINE-131 CONSECUTIVE DAILY SAMPLES REQUIRED PER QUARTER: ☐☐ (65-66)

PREPARED BY _____ DATE __/__/__

APPROVED BY _____ DATE __/__/__

CARD CODE: 8 1 (79-80)

REG3020

MODEL STATE INFORMATION SYSTEM
REGULATIONS SUBSYSTEM

REG3.109

PROCESSING OPTIONS FOR JOB _____

CARD ID

P	R	O	C

1-4

DATE

M D Y

5-10

PREPARED BY _____ DATE __/__/__

APPROVED BY _____ DATE __/__/__

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) : Regulations Subsystem	**DATE:** 9-23-76	**EXHIBIT:** REGS.200
	RECORD TYPE: Fixed	**PAGE:** 1 OF 4
	RECORD SIZE: 80	
INPUT TO SUBSYSTEM (S) : Regulations Subsystem	**RECORD ACCESS KEY:**	
FILE NAME: Regulations Input File	**FILE ID:** RGI	**RECORD NAME:** RGI-CUMJ-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Regulations Input File	FILE ID: RGI	RECORD NAME: RGI-CHM1-RECORD	PAGE: 2 OF 4

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		RGI-CHM1-RECORD	Grp	---	---			1	80
03		RGI-CHM1-CONTAMINANT-ID		A/N	X(4)			1	4
03		RGI-CHM1-REGU-LEVEL		A/N	X(2)			5	6
03		RGI-CHM1-CONTAM-NAME		A/N	X(11)			7	17
03		RGI-CHM1-REASON-CODE		A/N	X(1)			18	18
03		RGI-CHM1-MCL-DATA	Grp	---	---			19	50
05		RGI-CHM1-MCL-UNITS		A/N	X(6)			19	24
05		RGI-CHM1-MCL		A/N	X(6)			25	30
05		RGI-CHM1-MCL-DECIMALS		A/N	X(1)			31	31
05		RGI-CHM1-MCL-LOW-LIMIT		A/N	X(5)			32	36
05		RGI-CHM1-MCL-LOW-DECIMALS		A/N	X(1)			37	37
05		RGI-CHM1-MCL-HIGH-LIMIT		A/N	X(5)			38	42
05		RGI-CHM1-MCL-HIGH-DECIMALS		A/N	X(1)			43	43
05		RGI-CHM1-MCL-CHECK-SAMPLES		A/N	X(1)			44	44

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MODEL STATE INFORMATION SYSTEM
RECORD DEFINITION

FILE NAME: Regulations Input File	FILE ID: RGI	RECORD NAME: RGI-CHM1-RECORD	PAGE: 3 OF 4

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
05		RGI-CHM1-MCL-SEASONAL-CODE		A/N	X(1)			45	45
05		RGI-CHM1-MCL-SPECIAL-CODE		A/N	X(1)			46	46
05		RGI-CHM1-MIN-TIME		A/N	X(2)			47	48
05		RGI-CHM1-MCL-CHECK-PERIOD		A/N	X(2)			49	50
03		RGI-CHM1-MONITORING-REQMNTS	Grp	---	---			51	78
05		RGI-CHM1-COMMUNITY-PWS	Grp	---	---			51	78
07		RGI-CHM1-COM-EFFECTIVE-DATE		A/N	X(6)			51	56
07		RGI-CHM1-COM-GROUND-WATER	Grp	---	---			57	67
09		RGI-CHM1-COM-GRD-YRS-FST		A/N	X(1)			57	57
09		RGI-CHM1-COM-GRD-SAMPLE-FREQ		A/N	X(4)			58	61
09		RGI-CHM1-COM-GRD-VIOL-FREQ		A/N	X(4)			62	65
09		RGI-CHM1-COM-GRD-MIN-REQ		A/N	X(2)			66	67
07		RGI-CHM1-COM-SURFACE-WATER	Grp	---	---			68	78
09		RGI-CHM1-COM-SUR-YRS-FST		A/N	X(1)			68	68

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MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Regulations Input File	FILE ID: RGI	RECORD NAME: RGI-CHM1-RECORD	PAGE: 4 OF 4

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
09		RGI-CHM1-COM-SUR-SAMPLE-FREQ		A/N	X(4)			69	72
09		RGI-CHM1-COM-SUR-VIOL-FREQ		A/N	X(4)			73	76
09		RGI-CHM1-COM-SUR-MIN-NEG		A/N	X(2)			77	78
03		RGI-CFM1-CARD-CODE		A/N	X(2)			79	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) : Regulations Subsystem		**DATE:** 9-23-76	**EXHIBIT:** REGS.201
		RECORD TYPE: Fixed	**PAGE:** 1 OF 3
		RECORD SIZE: 80	
		RECORD ACCESS KEY:	
INPUT TO SUBSYSTEM (S) : Regulations Subsystem			
FILE NAME: Regulations Input File	**FILE ID:** RGI	**RECORD NAME:** RGI-CUM2-RECORD	

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Regulations Input File	FILE ID: RGI	RECORD NAME: RGI-CHM2-RECORD	PAGE: 2 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		RGI-CHM2-RECORD	Grp	---	---			1	80
03		RGI-CHM2-CONTAMINANT-ID		A/N	X(4)			1	4
03		RGI-CHM2-REGU-LEVEL		A/N	X(2)			5	6
03		FILLER		A/N	X(44)			7	50
03		RGI-CHM2-MONITORING-REQMNTS	Grp	---	---			51	78
05		RGI-CHM2-NONCOMMUNITY-PWS	Grp	---	---			51	78
07		RGI-CHM2-NCOM-EFFECTIVE-DATE		A/N	X(6)			51	56
07		RGI-CHM2-NCOM-GROUND-WATER	Grp	---				57	67
09		RGI-CHM2-NCOM-GRD-YRS-FST		A/N	X(1)			57	57
09		RGI-CHM2-NCOM-GRD-SAMPLE-FREQ		A/N	X(4)			58	61
09		RGI-CHM2-NCOM-GRD-VIOL-FREQ		A/N	X(4)			62	65
09		RGI-CHM2-NCOM-GRD-MIN-REQ		A/N	X(2)			66	67
07		RGI-CHM2-NCOM-SURFACE-WATER	Grp	---	---			68	78
09		RGI-CHM2-NCOM-SUR-YRS-FST		A/N	X(1)			68	68

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MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Regulations Input File	FILE ID: RGI	RECORD NAME: RGI-CHM2-RECORD	PAGE: 3 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
09		RGI-CHM2-NCOM-SUR-SAMPLE-FRFQ		A/N	X(4)			69	72
09		RGI-CHM2-NCOM-SUR-VIOL-FRFQ		A/N	X(4)			73	76
09		RGI-CHM2-NCOM-SUR-MIN-NFG		A/N	X(2)			77	78
03		RGI-CHM2-CARD-CODE		A/N	X(2)			79	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME:	FILE ID:	RECORD NAME:	PAGE: OF

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) : Regulations Subsystem	DATE: 9-23-76 EXHIBIT: REGS.202 RECORD TYPE: Fixed RECORD SIZE: 80 PAGE: 1 OF 3	RECORD ACCESS KEY:
INPUT TO SUBSYSTEM (S) : Regulations Subsystem		
FILE NAME: Regulations Input File	FILE ID: RGI	RECORD NAME: RGI-TURB-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Regulations Input File	FILE ID: RGI	RECORD NAME: RGI-TURB-RECORD	PAGE: 2 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		RGI-TURB-RECORD	Grp	---	---			1	80
03		RGI-TURB-CONTAMINANT-ID		A/N	X(4)			1	4
03		RGI-TURB-REGU-LEVEL		A/N	X(2)			5	6
03		RGI-TURB-CONTAM-NAME		A/N	X(9)			7	15
03		RGI-TURB-MONTHLY-MCL		A/N	X(2)			16	17
03		RGI-TURB-CONSECUTIVE-MCL		A/N	X(2)			18	19
03		RGI-TURB-CONSECUTIVE-SAMPLES		A/N	X(2)			20	21
03		RGI-TURB-EFFECTIVE-DATE		A/N	X(6)			22	27
03		RGI-TURB-ALL-SOURCES		A/N	X(1)			28	28
03		RGI-TURB-REPEAT-INCLUDED		A/N	X(1)			29	29
03		RGI-TURB-MONITORING-REQMNTS	Grp	---	---			30	35
05		RGI-TURB-COM-SAMPLE-FREQ		A/N	X(3)			30	32
05		RGI-TURB-NCOM-SAMPLE-FREQ		A/N	X(3)			33	35
03		RGI-TURB-MIN-RESAMPLING-PERIOD		A/N	X(2)			36	37

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Regulations Input File	FILE ID: RGI	RECORD NAME: RGI-TURB-RECORD	PAGE: 3 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03		FILLER		A/N	X(41)			38	78
03		RGI-TURB-CARD-CODE		A/N	X(2)			79	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME:	FILE ID:	RECORD NAME:	PAGE: OF

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) : Regulations Subsystem	**DATE:** 9-23-76	**EXHIBIT:** REGS.203
	RECORD TYPE: Fixed	**PAGE:** 1 OF 2
	RECORD SIZE: 80	
INPUT TO SUBSYSTEM (S) : Regulations Subsystem	**RECORD ACCESS KEY:**	
FILE NAME: Regulations Input File	**FILE ID:** RGI	**RECORD NAME:** RGI-BPOP-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Regulations Input File	FILE ID: RGT	RECORD NAME: RGI-BPOP-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		RGI-BPOP-RECORD	Grp	---	---			1	80
03		RGI-BPOP-CONTAMINANT-ID		A/N	X(4)			1	4
03		RGI-BPOP-REGU-LEVEL		A/N	X(2)			5	6
03		RGI-BPOP-TABLE-ID		A/N	X(1)			7	7
03		RGI-BPOP-TABLE-LINE	Grp	---				8	28
05		RGI-BPOP-TBL-FROM-POPULATION		A/N	X(9)			8	16
05		RGI-BPOP-TBL-TO-POPULATION		A/N	X(9)			17	25
05		RGI-BPOP-TBL-SAMPLE-FREQ		A/N	X(3)			26	28
03		FILLER		A/N	X(50)			29	78
03		RGI-BPOP-CARD-CODE		A/N	X(2)			79	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) : Regulations Subsystem	**DATE:** 9-23-76	**EXHIBIT:** RFGS.204
	RECORD TYPE: Fixed	**PAGE:** 1 OF 4
	RECORD SIZE: 80	
	RECORD ACCESS KEY:	
INPUT TO SUBSYSTEM (S) : Regulations Subsystem		
FILE NAME: Regulations Input File	**FILE ID:** RGI	**RECORD NAME:** RGI-RACT-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Regulations Input File	FILE ID: RGI	RECORD NAME: RGI-BACT-RECORD	PAGE: 2 OF 4

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		RGI-BACT-RECORD	Grp	---	---			1	80
03		RGI-BACT-CONTAMINANT-ID		A/N	X(4)			1	4
03		RGI-BACT-REGU-LEVEL		A/N	X(2)			5	6
03		RGI-BACT-CONTAM-NAME		A/N	X(8)			7	14
03		RGI-BACT-EFFECTIVE-DATE		A/N	X(6)			15	20
03		RGI-BACT-MEMBRANE-FILTER	Grp	---	---			21	30
05		RGI-BACT-MF-SINGLE-SAMPLE-MCL		A/N	X(2)			21	22
05		RGI-BACT-MF-MONTHLY-MCL		A/N	X(2)			23	24
05		RGI-BACT-MF-PERCENT-SAMPLES		A/N	X(2)			25	26
05		RGI-BACT-MF-MIN-PERIOD-SAMPLES		A/N	X(2)			27	28
05		RGI-BACT-MF-MCL-FOR-PERCENT		A/N	X(2)			29	30
03		RGI-BACT-PERM-TUBE-TEST-MCL	Grp	---	---			31	40
05		RGI-BACT-PT-SINGLE-SAMPLE-MCL		A/N	X(2)			31	32
05		RGI-BACT-PT-MONTHLY-MCL		A/N	X(2)			33	34

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MODEL STATE INFORMATION SYSTEM
RECORD DEFINITION

FILE NAME: Regulations Input File	FILE ID: RGI	RECORD NAME: RGI-BACT-RECORD	PAGE: 3 OF 4

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
05		RGI-BACT-FT-PERCENT-SAMPLES		A/N	X(2)			35	36
05		RGI-BACT-FT-MIN-REQD-SAMPLES		A/N	X(2)			37	38
05		RGI-BACT-FT-MCL-FOR-PERCENT		A/N	X(2)			39	40
03		RGI-BACT-FTPM-TURB-100-ML	Grp	---	---			41	50
05		RGI-BACT-FU-SINGLE-SAMPLE-MCL		A/N	X(2)			41	42
05		RGI-BACT-FU-MONTHLY-MCL		A/N	X(2)			43	44
05		RGI-BACT-FU-PERCENT-SAMPLES		A/N	X(2)			45	46
05		RGI-BACT-FU-MIN-REQD-SAMPLES		A/N	X(2)			47	48
05		RGI-BACT-FU-MCL-FOR-PERCENT		A/N	X(2)			49	50
03		RGI-BACT-REQMTS-MONTH-WAIVER	Grp	---	---			51	52
05		RGI-BACT-REQMTS-MAX-SAMPLES		A/N	X(1)			51	51
05		RGI-BACT-REQMTS-SAMPLE-PERIOD		A/N	X(1)			52	52
03		RGI-BACT-CHECK-SAMPLE-REQMTS	Grp	---	---			53	56
05		RGI-BACT-CHK-MIN-DAILY-SAMPLES		A/N	X(1)			53	53

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MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Regulations Input File	FILE ID: RGI	RECORD NAME: RGI-BACT-RECORD	PAGE: 4 OF 4

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
05		RGI-BACT-CHK-MIN-NEG-PORTIONS		A/N	X(1)			54	54
05		RGI-BACT-CHK-MIN-COLIFORM-BACT		A/N	X(2)			55	56
03		RGI-BACT-CHLORINE-RES-METHOD	Grp	---	---			57	64
05		RGI-BACT-CHL-SAMPLES-In-LIEU		A/N	X(2)			57	58
05		RGI-BACT-CHL-MAX-PERCENT		A/N	X(2)			59	60
05		RGI-BACT-CHL-MAX-CHLORINE-LVL		A/N	X(2)			61	62
05		RGI-BACT-CHL-MAX-TIME-RETEST		A/N	X(2)			63	64
03		RGI-BACT-NONCOMMUNITY-PWS	Grp	---	---			65	74
05		RGI-BACT-NCOM-EFFECTIVE-DATE		A/N	X(6)			65	70
05		RGI-BACT-NCOM-SEASONAL-CODE		A/N	X(1)			71	71
05		RGI-BACT-NCOM-SAMPLING-PERIOD		A/N	X(1)			72	72
05		RGI-BACT-NCOM-SAMPLE-FREQ		A/N	X(2)			73	74
03		FILLER		A/N	X(4)			75	78
03		RGI-BACT-CARD-CODE		A/N	X(2)			79	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) : Regulations Subsystem		**DATE:** 9-23-76	**EXHIBIT:** REGS.205
		RECORD TYPE: Fixed	**PAGE:** 1 OF 3
		RECORD SIZE: 80	
INPUT TO SUBSYSTEM (S) : Regulations Subsystem		**RECORD ACCESS KEY:**	
FILE NAME: Regulations Input File	**FILE ID:** RGI	**RECORD NAME:** RGI-FLOR-RECORD	

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME:	Regulations Input File	FILE ID:	RGI	RECORD NAME:	RCI-FLOR-RECORD	PAGE:	2	OF	3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		RGI-FLOR-RECORD	Grp	---	---			1	80
03		RGI-FLOR-CONTAMINANT-ID		A/N	X(4)			1	4
03		RGI-FLOR-REGU-LEVEL		A/N	X(2)			5	6
03		RGI-FLOR-TABLE-ID		A/N	X(1)			7	7
03		RGI-FLOR-TABLE-LINE	Grp	---	X(17)			8	25
05		RGI-FLOR-TEMP-FAHR-LOW		A/N	X(3)			8	10
05		RGI-FLOR-TEMP-FAHR-HIGH		A/N	X(3)			11	13
05		RGI-FLOR-TEMP-CENT-LOW		A/N	X(3)			14	16
05		RGI-FLOR-TEMP-CENT-HIGH		A/N	X(3)			17	19
05		RGI-FLOR-TEMP-RANGE-MCL		A/N	X(6)			20	25
03		RGI-FLOR-REASONABLE-BOUNDS	Grp	---	---			26	37
05		RGI-FLOR-REAS-FAHR-LOW		A/N	X(3)			26	28
05		RGI-FLOR-REAS-FAHR-HIGH		A/N	X(3)			29	31
05		RGI-FLOR-REAS-CENT-LOW		A/N	X(3)			32	34

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Regulations Input File	FILE ID: RGI	RECORD NAME: RGI-FLOR-RECORD	PAGE: 3 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
05		RGI-FLOR-REAS-CENT-HIGH		A/N	X(3)			35	37
03		FILLER		A/N	X(41)			38	78
03		RGI-FLOR-CARD-CODE		A/N	X(2)			79	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME:	FILE ID:	RECORD NAME:	PAGE: OF

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) : Regulations Subsystem	DATE: 9-23-76	EXHIBIT: REGS.206
	RECORD TYPE: Fixed RECORD SIZE: 80	PAGE: 1 OF 2
	RECORD ACCESS KEY:	
INPUT TO SUBSYSTEM (S) : Regulations Subsystem		
FILE NAME: Regulations Input File / FILE ID: RGI		RECORD NAME: RGI-EMIT-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Regulations Input File	FILE ID: RGI	RECORD NAME: RGI-EMIT-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		RGI-EMIT-RECORD	Grp	___	___			1	80
03		RGI-EMIT-CONTAMINANT-ID		A/N	X(4)			1	4
03		RGI-EMIT-REGU-LEVEL		A/N	X(2)			5	6
03		RGI-EMIT-TABLE-ID		A/N	X(1)			7	7
03		RGI-EMIT-EFFECTIVE-DATA		A/N	X(6)			8	13
03		RGI-EMIT-CONTAM-NAME		A/N	X(15)			14	28
03		RGI-EMIT-ANNUAL-CONCENT-EQUIV		A/N	X(6)			29	34
03		RGI-EMIT-DETECTION-LIMIT		A/N	X(4)			35	38
05		RGI-EMIT-NUCL-POWER-PLANT	GRP					39	43
05		RGI-EMIT-NUCL-POWER-PLANT-CODE		A/N	X(1)	5		39	43
05		FILLER		A/N	X(35)			44	78
05		RGI-EMIT-CARD-CODE		A/N	X(2)			79	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

207

OUTPUT OF SUBSYSTEM (S) : Regulations Subsystem		**DATE:** 9-23-76	**EXHIBIT:** RFGS.207
		RECORD TYPE: Fixed	**PAGE:** 1 OF 3
		RECORD SIZE: 80	
		RECORD ACCESS KEY:	
INPUT TO SUBSYSTEM (S) : Regulations Subsystem			
FILE NAME: Regulations Input File	**FILE ID:** RGI	**RECORD NAME:** RGI-ALFA-RECORD	

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Regulations Input File	FILE ID: RGI	RECORD NAME: RGI-ALFA-RECORD	PAGE: 2 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		RGI-ALFA-RECORD	Grp	---	---			1	80
03		RGI-ALFA-CONTAMINANT-ID		A/N	X(4)			1	4
03		RGI-ALFA-REGU-LEVEL		A/N	X(2)			5	6
03		RGI-ALFA-CONTAM-NAME		A/N	X(11)			7	17
03		RGI-ALFA-EFFECTIVE-DATE		A/N	X(6)			18	23
03		RGI-ALFA-MCL-SCREENING-LEVELS	Grp	---	---			24	41
05		RGI-ALFA-MCL-GROSS-ALPHA		A/N	X(3)			24	26
05		RGI-ALFA-MCL-COMBINED-RADIUM		A/N	X(3)			27	29
05		RGI-ALFA-MAX-GROSS-A-SCREENING	Grp	---	---			30	35
07		RGI-ALFA-MAX-GA-WITHOUT-R228		A/N	X(3)			30	32
07		RGI-ALFA-MAX-GA-WITH-R228		A/N	X(3)			33	35
05		RGI-ALFA-MAX-RADIUM226-SCREEN	Grp	---	---			36	41
07		RGI-ALFA-MAX-R226-FOR-R228		A/N	X(3)			36	38
07		RGI-ALFA-MAX-R226-ANNUAL-MONIT		A/N	X(3)			39	41

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Regulations Input File	FILE ID: RGI	RECORD NAME: RGI-ALFA-RECORD	PAGE: 3 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03		RGI-ALFA-SAMPLING-REQUIREMENTS Grp		---	---			42	52
05		RGI-ALFA-NUM-SAMPLES-PER-YEAR		A/N	X(1)			42	42
05		RGI-ALFA-MIN-NORM-MONITOR-PRD		A/N	X(1)			43	43
05		RGI-ALFA-INITL-MONITOR-PERIOD		A/N	X(2)			44	45
05		RGI-ALFA-FRACTION-MCL-SUBSTIT		A/N	X(2)			46	47
05		RGI-ALFA-MIN-VIOL-MONITOR-PRD		A/N	X(2)			48	49
05		RGI-ALFA-ANNUAL-COMP-4-SAMPLE		A/N	X(1)			50	50
05		RGI-ALFA-COM-NONCOMM-ROW		A/N	X(1)			51	51
03		FILLER		A/N	X(7)			52	78
03		RGI-ALFA-CARD-CODE		A/N	X(2)			79	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME:	FILE ID:	RECORD NAME:	PAGE: OF

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) : Regulations Subsystem		**DATE:** 9-23-76	**EXHIBIT:** RECS.208
		RECORD TYPE: Fixed	**PAGE:** 1 OF 1
		RECORD SIZE: 80	
		RECORD ACCESS KEY:	
INPUT TO SUBSYSTEM (S) : Regulations Subsystem			
FILE NAME: Regulations Input File	**FILE ID:** RGI	**RECORD NAME:** RGI-REMA-RECORD	

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Regulations Input File	FILE ID: RGI	RECORD NAME: RGI-BETA-RECORD	PAGE: 2 OF 4

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		RGI-BETA-RECORD	Grp	---	---			1	80
03		RGI-BETA-CONTAMINANT-ID		A/N	X(4)			1	4
03		RGI-BETA-REGU-LEVEL		A/N	X(2)			5	6
03		RGI-BETA-CONTAM-NAME		A/N	X(10)			7	16
03		RGI-BETA-EFFECTIVE-DATE		A/N	X(6)			17	22
03		RGI-BETA-MCL-SCREENING-LEVELS	Grp	---	---			23	32
05		RGI-BETA-MCL-ANNUAL-DOSAGE		A/N	X(2)			23	24
05		RGI-BETA-TRITIUM-SCREENING		A/N	X(5)			25	29
05		RGI-BETA-STRONTIUM90-SCREENING		A/N	X(3)			30	32
05		RGI-BETA-MAX-CROSS-R-SCREENING	Grp	---	---			33	41
07		RGI-BETA-MAI-BETA-EM-NO-NUCL		A/N	X(3)			33	35
07		RGI-BETA-MAI-BETA-EM-CON-NUCL		A/N	X(3)			36	38
07		RGI-BETA-STRON90-CES134-CON-NU		A/N	X(3)			38	41
05		RGI-BETA-SAMPLING-REQUIREMENTS	Grp	---	---			42	50

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Regulations Input File	FILE ID: RGI	RECORD NAME: RGI-BETA-RECORD	PAGE: 3 OF 4

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
07		RGI-BETA-COM-NONCOMM-BOTH		A/N	X(1)			42	42
07		RGI-BETA-MONIT-GRD-WTR-REQD		A/N	X(1)			43	43
07		RGI-BETA-AVERAGE-COMPOS-SAMPLE		A/N	X(1)			44	44
07		RGI-BETA-MIN-POPULATION-ANNUAL		A/N	X(6)			45	50
07		RGI-BETA-NO-NUCLEAR-FACILITY	Grp	---	---			51	54
09		RGI-BETA-N-NUM-SAMPLES-YEAR		A/N	X(1)			51	51
09		RGI-BETA-N-NORM-MONIT-FREQ		A/N	X(1)			52	52
09		RGI-BETA-N-VIOL-MONIT-FREQ		A/N	X(2)			53	54
07		RGI-BETA-CONTAM-NUCL-FACILITY	Grp	---	---			55	66
09		RGI-BETA-C-NUM-IODINE-SAMPLES		A/N	X(2)			55	56
09		RGI-BETA-C-NUM-STRONT-SAMPLES		A/N	X(2)			57	58
09		RGI-BETA-C-IODINE-MONIT-FREQ		A/N	X(2)			59	60
09		RGI-BETA-STRONT-MONIT-FREQ		A/N	X(2)			61	62
09		RGI-BETA-C-VIOL-MONIT-FREQ		A/N	X(2)			63	64

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MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME:	Regulations Input File	FILE ID:	RGI	RECORD NAME:	RGI-BETA-RECORD	PAGE:	4	OF	4

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
09		RGI-BETA-C-IODINE131-CONS-SPLS		A/N	X(2)			65	66
03		FILLER		A/N	X(12)			67	78
03		RGI-BETA-CARD-CODE		A/N	X(2)			79	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :	**DATE:** 2/15/77	**EXHIBIT:** REGS.209
	RECORD TYPE: Fixed **RECORD SIZE:** 80	**PAGE:** 1 OF 2
INPUT TO SUBSYSTEM (S) : Regulations	**RECORD ACCESS KEY:** RGI-PROC-ID	
FILE NAME: Regulations Input File	**FILE ID:** RGI	**RECORD NAME:** RGI-PROC-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Regulations Input File	FILE ID: RGI	RECORD NAME: RGI-PROC-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		RGI-PROC-RECORD	GRP					1	80
03		RGI-PROC-ID		A/N	X(4)			1	4
03		RGI-PROC-DATE		A/N	X(6)			5	10
03		FILLER		A/N	X(70)			11	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) : Regulations Subsystem		**DATE:** 9-23-76	**EXHIBIT:** REGS.210
		RECORD TYPE: Fixed **RECORD SIZE:** 80	**PAGE:** 1 OF 2
		RECORD ACCESS KEY:	
INPUT TO SUBSYSTEM (S) : Regulations Subsystem			
FILE NAME: Regulations Input File	**FILE ID:** RGI	**RECORD NAME:** RGI-PROC-RECORD	

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME:	Regulations Input File	FILE ID:	RGI	RECORD NAME:	RGI-PROC-RECORD	PAGE:	2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		RGI-PROC-RECORD	Grp		---			1	80
03		RGI-PROC-ID		A/N	X(4)			1	4
03		RGI-PROC-DATE		A/N	X(6)			5	10
03		RGI-PROC-OUTPUT		A/N	X(1)			11	11
03		RGI-PROC-FIELD-SELECT		A/N	X(1)			12	12
03		FILLER		A/N	X(68)			13	80

EXHIBIT NO.'s REGS.211 through 249

have been intentionally left out.

NOTES

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Regulations Subsystem

DATE: 9-23-76

EXHIBIT: REGS.250

RECORD TYPE: Fixed

RECORD SIZE: 108

PAGE: 1 OF 5

RECORD ACCESS KEY:

RG-C-CONID
RG-C-RGLVL

INPUT TO SUBSYSTEM (S) :

Regulations Subsystem
Water Quality Compliance

FILE NAME: Regulations File

FILE ID: RGF

RECORD NAME: RGF-CHEM-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Regulations File	FILE ID: RGF	RECORD NAME: RGF-CHEM-RECORD	PAGE: 2 OF 5

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		RGF-CHEM-RECORD	Grp					1	108
03		RGF-CHEM-KEY	Grp					1	6
05	RG-CONID	RGF-CHEM-CONTAMINANT-ID	041*	A/N	X(4)			1	4
05	RG-C-RGLVL	RGF-CHEM-REGU-LEVEL	042	A/N	X(2)			5	6
03	RG-C-CONAM	RGF-CHEM-CONTAM-NAME	043	A/N	X(15)			7	21
03	RG-C-RSNCD	RGF-CHEM-REASON-CODE	044	A/N	X(1)			22	22
03		RGF-CHEM-MCL-DATA	Grp					23	54
05	RG-C-MCLUN	RGF-CHEM-MCL-UNITS	045	A/N	X(6)			23	28
05	RG-C-MCL	RGF-CHEM-MCL	046	N	9(6)			29	34
05	RG-C-MCLDC	RGF-CHEM-MCL-DECIMALS	047	N	9(1)			35	35
05	RG-C-MCLOW	RGF-CHEM-MCL-LOW-LIMIT	048	N	9(5)			36	40
05	RG-C-MCLOD	RGF-CHEM-MCL-LOW-DECIMALS	049	N	9(1)			41	41
05	RG-C-MCLHI	RGF-CHEM-MCL-HIGH-LIMIT	050	N	9(5)			42	46
05	RG-C-MCLHD	RGF-CHEM-MCL-HIGH-DECIMALS	051	N	9(1)			47	47

*See Data Element Dictionary: Appendix A

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Regulations File	FILE ID: RGF	RECORD NAME: RGF-CHEM-RECORD	PAGE:3 OF 5

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
05	RG-C-CKSAM	RGF-CHEM-MCL-CHECK-SAMPLES	052	N	9(1)			48	48
05	RG-C-SEACD	RGF-CHEM-MCL-SEASONAL-CODE	053	A/N	X(1)			49	49
05	RG-C-SPECD	RGF-CHEM-MCL-SPECIAL-CODE	054	A/N	X(1)			50	50
05	RG-C-MINTM	RGF-CHEM-MCL-MIN-TIME	055	N	9(2)			51	52
05	RG-C-CHKPD	RGF-CHEM-MCL-CHECK-PERIOD	056	N	9(2)			53	54
03		RGF-CHEM-MONITORING-REQMNTS	Grp					55	108
05		RGF-CHEM-COMMUNITY-PWS	Grp					55	81
07	RG-C-CEFDT	RGF-CHEM-COM-EFFECTIVE-DATE	057	N	9(5)			55	59
07		RGF-CHEM-COM-GROUND-WATER	Grp					60	70
09	RG-C-CGRYR	RGF-CHEM-COM-GRD-YRS-FST	058	N	9(1)			60	60
09	RG-C-CGSPF	RGF-CHEM-COM-GRD-SAMPLE-FREQ	059	N	9(4)			61	64
09	RG-C-CGVFQ	RGF-CHEM-COM-GRD-VIOL-FREQ	060	N	9(4)			65	68
09	RG-C-CGMNG	RGF-CHEM-COM-GRD-MIN-NEG	061	N	9(2)			69	70
07		RGF-CHEM-COM-SURFACE-WATER	Grp					71	81

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Regulations File	FILE ID: RGF	RECORD NAME: RGF-CHEM-RECORD	PAGE: 4 OF 5

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
09	RG-C-CSRYR	RGF-CHEM-COM-SUR-YRS-FST	062	N	9(1)			71	71
09	RG-C-CSSPF	RGF-CHEM-COM-SUR-SAMPLE-FREQ	063	N	9(4)			72	75
09	RG-C-CSVFQ	RGF-CHEM-COM-SUR-VIOL-FREQ	064	N	9(4)			76	79
09	RG-C-CSMNG	RGF-CHEM-COM-SUR-MIN-NEG	065	N	9(2)			80	81
05		RGF-CHEM-NONCOMMUNITY-PWS	Grp					82	108
07	RG-C-NEFDT	RGF-CHEM-NCOM-EFFECTIVE-DATE	066	N	9(5)			82	86
07		RGF-CHEM-NCOM-GROUND-WATER	Grp					87	97
09	RG-C-NGRYR	RGF-CHEM-NCOM-GRD-YRS-FST	067	N	9(1)			87	87
09	RG-C-NGSPF	RGF-CHEM-NCOM-GRD-SAMPLE-FREQ	068	N	9(4)			88	91
09	RG-C-NGVFQ	RGF-CHEM-NCOM-GRD-VIOL-FREQ	069	N	9(4)			92	95
09	RG-C-NGMNG	RGF-CHEM-NCOM-GRD-MIN-NEG	070	N	9(2)			96	97
07		RGF-CHEM-NCOM-SURFACE-WATER	Grp					98	108
09	RG-C-NSRYR	RGF-CHEM-NCOM-SUR-YRS-FST	071	N	9(1)			98	98
09	RG-C-NSSPF	RGF-CHEM-NCOM-SUR-SAMPLE-FREQ	072	N	9(4)			99	102

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Regulations File	FILE ID: RGF	RECORD NAME: RGF-CHEM-RECORD	PAGE: 5 OF 5

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
09	RG-C-NSVFQ	RGF-CHEM-NCOM-SUR-VIOL-FREQ	073	N	9(4)			103	106
09	RG-C-NSMNG	RGF-CHEM-NCOM-SUR-MIN-NEG	074	N	9(2)			107	108

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME:	FILE ID:	RECORD NAME:	PAGE: OF

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Regulations Subsystem

DATE: 9-23-76

EXHIBIT: REGS.251

RECORD TYPE: Fixed

RECORD SIZE: 108

PAGE: 1 OF 3

RECORD ACCESS KEY:

RG-T-CONID
RG-T-RGLVL

INPUT TO SUBSYSTEM (S) :

Regulations Subsystem
Water Quality Compliance

FILE NAME: Regulations File

FILE ID: RGF

RECORD NAME: RGF-TURB-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Regulations File	FILE ID: RFG	RECORD NAME: RGF-TURB-RECORD	PAGE: 2 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		RGF-TURB-RECORD	Grp					1	108
03		RGF-TURB-KEY	Grp					1	6
05	RG-CONID	RGF-TURB-CONTAMINANT-ID	133*	A/N	X(4)			1	4
05	RG-T-RGLVL	RGF-TURB-REGU-LEVEL	134	A/N	X(2)			5	6
03	RG-T-CONAM	RGF-TURB-CONTAM-NAME	135	A/N	X(15)			7	21
03	RG-T-MOMCL	RGF-TURB-MONTHLY-MCL	136	N	9V9			22	23
03	RG-T-CNMCL	RGF-TURB-CONSECUTIVE-MCL	137	N	9V9			24	25
03	RG-T-CNSPL	RGF-TURB-CONSECUTIVE-SAMPLES	138	N	9(2)			26	27
03	RG-T-EFFDT	RGF-TURB-EFFECTIVE-DATE	139	N	9(5)			28	32
03	RG-T-ALLSR	RGF-TURB-ALL-SOURCES	140	A/N	X(1)			33	33
03	RG-T-RPTIN	RGF-TURB-REPEAT-INCLUDED	141	A/N	X(1)			34	34
03		RGF-TURB-MONITORING-REQMNTS	Grp					35	40
05		RGF-TURB-COMMUNITY-PWS	Grp					35	37
07	RG-T-CSPFQ	RGF-TURB-COM-SAMPLE-FREQ	142	N	9(3)			35	37

*See Data Element Dictionary: Appendix A

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Regulations File	FILE ID: RGF	RECORD NAME: RGF-TURB-RECORD	PAGE: 3 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
05		RGF-TURB-NONCOMMUNITY-PWS	Grp					38	42
07	RG-T-NSPFQ	RGF-TURB-NCOM-SAMPLE-FREQ	143	N	9(3)			38	48
03	RG-T-MRSPL	RGF-TURB-MAX-RESAMPLING-PERIOD	144	N	9(2)			41	42
03		FILLER		A/N	X(66)			43	108

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) : Regulations Subsystem	**DATE:** 9-23-76	**EXHIBIT:** REGS.252
	RECORD TYPE: Fixed **RECORD SIZE:** 108	**PAGE:** 1 OF 2
	RECORD ACCESS KEY: RG-P-CONID RG-P-RGLVL	
INPUT TO SUBSYSTEM (S) : Water Quality Compliance		
FILE NAME: Regulations File	**FILE ID:** RGF	**RECORD NAME:** RGF-BPOP-RECORD

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MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Regulations File	FILE ID: RGF	RECORD NAME: RGF-BPOP-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		RGF-BPOP-RECORD	Grp					1	108
03	RGF-BPOP-KEY		Grp					1	6
05	RG-CONID	RGF-BPOP-CONTAMINANT-ID	127*	A/N	X(4)			1	4
05	RG-P-RGLVL	RGF-BPOP-REGU-LEVEL	128	A/N	X(2)			5	6
03	RG-P-TBLID	RGF-BPOP-TABLE-ID	129	A/N	X(1)			7	7
03		RGF-BPOP-TABLE-LINE	Grp					8	28
05	RG-P-T-FRM	RGF-BPOP-TBL-FROM-POPULATION	130	N	9(9)			8	16
05	RG-P-T-TOP	RGF-BPOP-TBL-TO-POPULATION	131	N	9(9)			17	25
05	RG-P-T-FRQ	RGF-BPOP-TBL-SAMPLE-FREQ	132	N	9(3)			26	28
03		FILLER		A/N	X(80)			29	108

*See Data Element Dictionary: Appendix A

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Regulations Subsystem

DATE: 9-23-76

EXHIBIT: REGS.253

RECORD TYPE: Fixed

RECORD SIZE: 108

PAGE: 1 OF 5

RECORD ACCESS KEY:

RE-M-CONID
RG-M-RGLVL

INPUT TO SUBSYSTEM (S) :

Regulations Subsystem
Water Quality Compliance

FILE NAME: Regulations File

FILE ID: RGF

RECORD NAME: RGF-BACT-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Regulations File	FILE ID: RGF	RECORD NAME: RGF-BACT-RECORD	PAGE: 2 OF 5

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		RGF-BACT-RECORD	Grp					1	108
03		RGF-BACT-KEY	Grp					1	6
05	RG-CONID	RGF-BACT-CONTAMINANT-ID	095*	A/N	X(4)			1	4
05	RG-M-RGLVL	RGF-BACT-REGU-LEVEL	096	A/N	X(2)			5	6
03	RG-M-CONAM	RGF-BACT-CONTAM-NAME	097	A/N	X(15)			7	21
03	RG-M-EFFDT	RGF-BACT-EFFECTIVE-DATE	098	N	9(5)			22	26
03		RGF-BACT-MEMBRANE-FILTER	Grp					27	36
05	RG-M-MF-SM	RGF-BACT-MF-SINGLE-SAMPLE-MCL	099	N	9(2)			27	28
05	RG-M-MF-MT	RGF-BACT-MF-MONTHLY-MCL	100	N	9(2)			29	30
05	RG-M-MF-PS	RGF-BACT-MF-PERCENT-SAMPLES	101	N	9(2)			31	32
05	RG-M-MF-MR	RGF-BACT-MF-MIN-REQD-SAMPLES	102	N	9(2)			33	34
05	RG-M-MF-MC	RGF-BACT-MF-MCL-FOR-PERCENT	103	N	9(2)			35	36
03		RGF-BACT-FERM-TUBE-TEN-ML	Grp					37	46
05	RG-M-FT-SM	RGF-BACT-FT-SINGLE-SAMPLE-MCL	104	N	9(2)			37	38

*See Data Element Dictionary: Appendix A

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Regulations File	FILE ID: RGF	RECORD NAME: RGF-BACT-RECORD	PAGE: 3 OF 5

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
05	RG-M-FT-MT	RGF-BACT-FT-MONTHLY-MCL	105	N	9(2)			39	40
05	RG-M-FT-PS	RGF-BACT-FT-PERCENT-SAMPLES	106	N	9(2)			41	43
05	RG-M-FT-MR	RGF-BACT-FT-MIN-REQD-SAMPLES	107	N	9(2)			43	44
05	RG-M-FT-MC	RGF-BACT-FT-MCL-FOR-PERCENT	108	N	9(2)			45	46
03		RGF-BACT-FERM-TUBE-100-ML	Grp					47	56
05	RG-M-FH-SM	RGF-BACT-FH-SINGLE-SAMPLE-MCL	109	N	9(2)			47	48
05	RG-M-FH-MT	RGF-BACT-FH-MONTHLY-MCL	110	N	9(2)			49	50
05	RG-M-FH-PS	RGF-BACT-FH-PERCENT-SAMPLES	111	N	9(2)			51	52
05	RG-M-FH-MR	RGF-BACT-FH-MIN-REQD-SAMPLES	112	N	9(2)			53	54
05	RG-M-FH-MC	RGF-BACT-FH-MCL-FOR-PERCENT	113	N	9(2)			55	56
03		RGF-BACT-REQMNTS-MONTH-WAIVER	Grp					57	58
05	RG-M-ROMAX	RGF-BACT-REQMNTS-MAX-SAMPLES	114	N	9(1)			57	57
05	RG-M-RQSPD	RGF-BACT-REQMNTS-SAMPLE-PERIOD	115	N	9(1)			58	58

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Regulations File	FILE ID: RGF	RECORD NAME: RGF-BACT-RECORD	PAGE: 4 OF 5

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03		RGF-BACT-CHECK-SAMPLE-REQMNTS	Grp					59	62
05	RG-M-CKCDS	RGF-BACT-CHK-MIN-DAILY-SAMPLES	116	N	9(1)			59	59
05	RG-M-CKMNP	RGF-BACT-CHK-MIN-NEG-PORTIONS	117	N	9(1)			60	60
05	RG-M-CKMCB	RGF-BACT-CHK-MIN-MEMBRANE-FILT	118	N	9(2)			61	62
03		RGF-BACT-CHLORINE-RES-METHOD	Grp					63	70
05	RG-M-C-LEU	RGF-BACT-CHL-SAMPLES-IN-LIEU	119	N	9(2)			63	64
05	RG-M-C-MXP	RGF-BACT-CHL-MAX-PERCENT	120	N	9(2)			65	66
05	RG-M-C-MCL	RGF-BACT-CHL-MIN-CHLORINE-LVL	121	N	V99			67	68
05	RG-M-C-MXT	RGF-BACT-CHL-MAX-TIME-RETEST	122	N	9(2)			69	70
03		RGF-BACT-NONCOMMUNITY-PWS	Grp					71	79
05	RG-M-NEFDT	RGF-BACT-NCOM-EFFECTIVE-DATE	123	N	9(5)			71	75
05	RG-M-NSEAS	RGF-BACT-NCOM-SEASONAL-CODE	124	A/N	X(1)			76	76
05	RG-M-NPERD	RGF-BACT-NCOM-SAMPLING-PERIOD	125	A/N	X(1)			77	77
05	RG-M-NSPFQ	RGF-BACT-NCOM-SAMPLE-FREQ	126	N	9(2)			78	79

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Regulations File	FILE ID: RGF	RECORD NAME: RGF-RACT-RECORD	PAGE: 5 OF 5

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03		FILLER		A/N	X(29)			80	108

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Regulations Subsystem

DATE: 9-23-76

EXHIBIT: REGS.254

RECORD TYPE: Fixed

RECORD SIZE: 108

PAGE: 1 OF 3

RECORD ACCESS KEY:

RG-F-CONID
RG-F-RGLVL

INPUT TO SUBSYSTEM (S) :

Regulations Subsystem
Water Quality Compliance

FILE NAME: Regulations File

FILE ID: RGF

RECORD NAME: RGF-FLOR-RECORD

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MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Regulations File	FILE ID: RGF	RECORD NAME: RGF-FLOR-RECORD	PAGE: 2 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		RGF-FLOR-RECORD	Grp					1	108
03		RGF-FLOR-KEY	Grp					1	6
05	RG-CONID	RGF-FLOR-CONTAMINANT-ID	083*	A/N	X(4)			1	4
05	RG-F-RGLVL	RGF-FLOR-REGU-LEVEL	084	A/N	X(2)			5	6
03	RG-F-TBLID	RGF-FLOR-TABLE-ID	085	A/N	X(1)			7	7
03		RGF-FLOR-TABLE-LINE	Grp					8	25
05		RGF-FLOR-TEMP-RANGE-FAHRENHEIT	Grp					8	13
07	RG-F-TRFLO	RGF-FLOR-TEMP-FAHR-LOW	086	N	9(2)V9			8	10
07	RG-F-TRFHI	RGF-FLOR-TEMP-FAHR-HIGH	087	N	9(2)V9			11	13
05		RGF-FLOR-TEMP-RANGE-CENTIGRADE	Grp					14	19
07	RG-G-TRCLO	RGF-FLOR-TEMP-CENT-LOW	088	N	9(2)V9			14	16
07	RG-F-TRCHI	RGF-FLOR-TEMP-CENT-HIGH	089	N	9(2)V9			17	19
05	RG-F-TRMCL	RGF-FLOR-TEMP-RANGE-MCL	090	N	9(4)V99			20	25
03		RGF-FLOR-REASONABLE-BOUNDS	Grp					26	37

*See Data Element Dictionary: Appendix A

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Regulations File	FILE ID: RGF	RECORD NAME: RGF-FLOR-RECORD	PAGE: 3 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
05	RG-F-RBFLO	RGF-FLOR-REAS-FAHR-LOW	091	N	9(2)V9			26	28
05	RG-F-RBFHI	RGF-FLOR-REAS-FAHR-HIGH	092	N	9(2)V9			29	31
05	RG-F-RBCLO	RGF-FLOR-REAS-CENT-LOW	093	N	9(2)V9			32	34
05	RG-F-RBCHI	RGF-FLOR-REAS-CENT-HIGH	094	N	9(2)V9			35	37
03		FILLER		A/N	X(71)			38	108

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Regulations Subsystem

INPUT TO SUBSYSTEM (S) :

Regulations Subsystem
Water Quality Compliance

DATE: 9-23-76

EXHIBIT: REGS.255

RECORD TYPE: Fixed

RECORD SIZE: 108

PAGE: 1 OF 2

RECORD ACCESS KEY:

RG-E-CONID
RG-E-RGLVL

FILE NAME: Regulations File

FILE ID: RGF

RECORD NAME: RGF-EMIT-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Regulations File	FILE ID: RGF	RECORD NAME: RGF-EMIT-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		RGF-EMIT-RECORD	Grp					1	108
03		RGF-EMIT-KEY	Grp					1	6
05	RG-CONID	RGF-EMIT-CONTAMINANT-ID	075*	A/N	X(4)			1	4
05	RG-E-RGLVL	RGF-EMIT-REGU-LEVEL	076	A/N	X(2)			5	6
03	RG-E-TBLID	RGF-EMIT-TABLE-ID	077	A/N	X(1)			7	7
03	RG-E-EFFDT	RGF-EMIT-EFFECTIVE-DATE	078	N	9(5)			8	12
03	RG-E-CONAM	RGF-EMIT-CONTAM-NAME	079	A/N	X(15)			13	27
03	RG-E-ANCON	RGF-EMIT-ANNUAL-CONCENT-EQUIV	080	N	9(5)V9			28	33
03	RG-E-DETLM	RGF-EMIT-DETECTION-LIMIT	081	N	9(4)			34	37
03		RGF-EMIT-NUCL-FACILITIES	Grp					38	42
05	RG-E-NPPCD	RGF-EMIT-NUCL-FACILITY-CODE	082*	A/N	X(1)	5		38	42
03		FILLER		A/N	X(66)			43	108

*See Data Element Dictionary: Appendix A

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Regulations Subsystem

DATE: 9-23-76

EXHIBIT: REGS.256

RECORD TYPE: Fixed

PAGE: 1 OF 3

RECORD SIZE: 108

RECORD ACCESS KEY:

RG-A-CONID
RG-A-RGLVL

INPUT TO SUBSYSTEM (S) :

Regulations Subsystem
Water Quality Compliance

FILE NAME: Regulations File

FILE ID: RGF

RECORD NAME: RGF-ALFA-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Regulations File	FILE ID: RGF	RECORD NAME: RGF-ALFA-RECORD	PAGE: 2 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		RGF-ALFA-RECORD	Grp					1	108
03		RGF-ALFA-KEY	Grp					1	6
05	RG-CONID	RGF-ALFA-CONTAMINANT-ID	001	A/N	X(4)			1	4
05	RG-A-RGLVL	RGF-ALFA-REGU-LEVEL	002	A/N	X(2)			5	6
03	RG-A-CONAM	RGF-ALFA-CONTAM-NAME	003	A/N	X(15)			7	21
03	RG-A-EFFDT	RGF-ALFA-EFFECTIVE-DATE	004	N	9(5)			22	26
03		RGF-ALFA-SCREENING-LEVELS	Grp					27	44
05	RG-A-M-GRA	RGF-ALFA-MCL-GROSS-ALPHA	005	N	9(2)V9			27	29
05	RG-A-M-CMR	RGF-ALFA-MCL-COMBINED-RADIUM	006	N	9(2)V9			30	32
05		RGF-ALFA-MAX-GROSS-A-SCREENING	Grp					33	38
07	RG-A-GAOR8	RGF-ALFA-MAX-GA-WITHOUT-R228	007	N	9(2)V9			33	35
07	RG-A-GAIR8	RGF-ALFA-MAX-GA-WITH-R228	008	N	9(2)V9			36	38
05		RGF-ALFA-MAX-RADIUM-226-SCREEN	Grp					39	44
07	RG-A-R6FR8	RGF-ALFA-MAX-R226-FOR-R228	009	N	9(2)V9			39	41

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Regulations File	FILE ID: RGF	RECORD NAME: RGF-ALFA-RECORD	PAGE 3 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
07	RG-A-R6ANM	RGF-ALFA-MAX-R226-ANNUAL-MONIT	010	N	9(2)V9			42	44
03		RGF-ALFA-SAMPLING-REQUIREMENTS	Grp					45	55
05	RG-A-NUMSP	RGF-ALFA-NUM-SAMPLES-PER-YEAR	011	N	9(1)			45	45
05	RG-A-MINFQ	RGF-ALFA-MIN-NORM-MONITOR-FREQ	012	N	9(1)			46	46
05	RG-A-INIPD	RGF-ALFA-INITL-MONITOR-PERIOD	013	N	9(2)			47	48
05	RG-A-FRACT	RGF-ALFA-FRACTION-MCL-SUBSTITU	014	N	V9(2)			49	50
05	RG-A-MINVF	RGF-ALFA-MIN-VIOL-MONITOR-FREQ	015	N	9(2)			51	52
05	RG-A-AC4SP	RGF-ALFA-ANNUAL-COMP-4-SAMPLE	016	A/N	X(1)			53	53
05	RG-A-CNCOB	RGF-ALFA-COM-NONCOMM-BOTH	017	A/N	X(1)			54	54
03		FILLER		A/N	X(54)			55	108

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Regulations Subsystem

DATE: 9-23-76

EXHIBIT: REGS.257

RECORD TYPE: Fixed

RECORD SIZE: 108

PAGE: 1 OF 4

RECORD ACCESS KEY:

RG-B-CONID
RG-B-RGLVL

INPUT TO SUBSYSTEM (S) :

Regulations Subsystem
Water Quality Compliance

FILE NAME: Regulations File

FILE ID: RGF

RECORD NAME: RGF-BETA-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME:	Regulations File	FILE ID:	RGF	RECORD NAME:	RGF-BETA-RECORD	PAGE:	2 OF 4

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		RGF-BETA-RECORD	Grp					1	108
03		RGF-BETA-KEY	Grp					1	6
05	RG-CONID	RGF-BETA-CONTAMINANT-ID	018*	A/N	X(4)			1	4
05	RG-B-RGLVL	RGF-BETA-REGU-LEVEL	019	A/N	X(2)			5	6
03	RG-B-CONAM	RGF-BETA-CONTAM-NAME	020	A/N	X(15)			7	21
03	RG-B-EFFDT	RGF-BETA-EFFECTIVE-DATE	021	N	9(5)			22	26
03		RGF-BETA-MCL-SCREENING-LEVELS	Grp					27	36
05	RG-B-ANMCL	RGF-BETA-MCL-ANNUAL-DOSAGE	022	N	9V9			27	28
05	RG-B-TRISC	RGF-BETA-TRITIUM-SCREENING	023	N	9(5)			29	33
05	RG-B-STRSC	RGF-BETA-STRONTIUM90-SCREENING	024	N	9(2)V9			34	36
05		RGF-BETA-MAX-GROSS-B-SCREENING	Grp					37	45
07	RG-B-MBENN	RGF-BETA-MAJ-BETA-EM-NO-NUCL	025	N	9(2)V9			37	39
07	RG-B-MBECN	RGF-BETA-MAJ-BETA-EM-CON-NUCL	026	N	9(2)V9			40	42
07	RG-B-S8C1C	RGF-BETA-STRON89-CES134-CON-NU	027	N	9(2)V9			43	45

*See Data Element Dictionary: Appendix A

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Regulations File	FILE ID: RGF	RECORD NAME: RGF-BETA-RECORD	PAGE: 3 OF 4

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
05		RGF-BETA-SAMPLING-REQUIREMENTS	Grp					46	54
07	RG-B-CNCOB	RGF-BETA-COM-NONCOMM-BOTH	028	A/N	X(1)			46	46
07	RG-B-MONGD	RGF-BETA-MONIT-GRD-WTR-REQD	029	A/N	X(1)			47	47
07	RG-B-AVCOM	RGF-BETA-AVERAGE-COMPOS-SAMPLE	030	A/N	X(1)			48	48
07	RG-B-MNPOP	RGF-BETA-MIN-POPULATION-ANNUAL	031	N	9(6)			49	54
07		RGF-BETA-NO-NUCLEAR-FACILITY	Grp					55	58
09	RG-B-NNMSP	RGF-BETA-N-NUM-SAMPLES-YEAR	032	N	9(1)			55	55
09	RG-B-NNMFQ	RGF-BETA-N-NORM-MONIT-FREQ	033	N	9(1)			56	56
09	RG-B-NVMFQ	RGF-BETA-N-VIOL-MONIT-FREQ	034	N	9(2)			57	58
07		RGF-BETA-CONTAM-NUCL-FACILITY	Grp					59	70
09	RG-B-CNIOS	RGF-BETA-C-NUM-IODINE-SAMPLES	035	N	9(2)			59	60
09	RG-B-CNSTS	RGF-BETA-C-NUM-STRONT-SAMPLES	036	N	9(2)			61	62
09	RG-B-CIOMF	RGF-BETA-C-IODINE-MONIT-FREQ	037	N	9(2)			63	64
09	RG-B-CSTMF	RGF-BETA-C-STRONT-MONIT-FREQ	038	N	9(2)			65	66

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Regulations File	FILE ID: RGF	RECORD NAME: RGF-BETA-RECORD	PAGE: 4 OF 4

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
09	RG-B-CVMFQ	RGF-BETA-C-VIOL-MONIT-FREQ	039	N	9(2)			67	68
09	RG-B-CIOSP	RGF-BETA-C-IODINE131-CONS-SPLS	040	N	9(2)			69	70
03		FILLER		A/N	X(38)			71	108

EXHIBIT NO. REGS.300

has been intentionally left out.

REGS020 1 of 1
9/23/76

RGF Report Module
SouthWestern Ohio Regional Computer Center
EXHIBIT REGS.301

MODEL STATE INFORMATION SYSTEM
REGULATIONS SUBSYSTEM

REGS#2#
DATE XX/XX/XX

REGULATIONS REPORT - CHEMICAL CONTAMINANTS

PAGE 88889

CONTAMINANT ID	REGULATION/LEVEL	CHEMICAL NAME	REASON FOR MONITORING
9999	XX	XXXXXXXXXX	X

MCL UNITS	MCL	MCL DECIMALS	REASONABLE BOUNDS LOWER	LOWER DECIMALS	UPPER	UPPER DECIMALS	NUMBER OF CHECK SAMPLES REQUIRED IF REGULAR SAMPLE VIOLATES MCL
XXXXXX	888889	9	88889	9	88889	9	9

SEASONAL SAMPLING (ORGANIC ONLY)	SPECIAL COMPUTATION	MAXIMUM TIME TO INITIATE SECOND SAMPLE ANALYSIS IF REGULAR SAMPLE IS IN VIOLATION (NITRATE ONLY)	PERIOD WITHIN WHICH CHECK SAMPLES MUST BE MADE
X	X	88	89

PWS TYPE	EFFECTIVE DATE	MONITORING REQUIREMENTS SOURCE TYPE	YEARS TO FIRST SAMPLE	NORMAL SAMPLING FREQUENCY	IF MCL IS VIOLATED MINIMUM SAMPLING FREQUENCY	IF MCL IS VIOLATED MINIMUM NUMBER OF SUCCESSIVE NEGATIVE SAMPLES
COMMUNITY	XX/XX/XX	GROUND	9	8889	8889	89
		SURFACE	9	8889	8889	89
NON-COMMUNITY	XX/XX/XX	GROUND	9	8889	8889	89
		SURFACE	9	8889	8889	89

REGS020

RGF Report Module
SouthWestern Ohio Regional Computer Center
EXHIBIT REGS.302

MODEL STATE INFORMATION SYSTEM
REGULATIONS SUBSYSTEM

REGS020

DATE XX/XX/XX

REGULATIONS REPORT - TURBIDITY CONTAMINANT

CONTAMINANT ID

0100

REGULATION/LEVEL

XX

CONTAMINANT NAME

TURBIDITY

MCL FOR
MONTHLY AVERAGE

00

MCL FOR
CONSECUTIVE SAMPLES

00

NUMBER OF
CONSECUTIVE SAMPLES

00

EFFECTIVE
DATE

XX/XX/XX

APPLY TO
ALL SOURCES

X

INCLUDE REPEAT
SAMPLES IN AVERAGE

X

FREQUENCY OF MONITORING

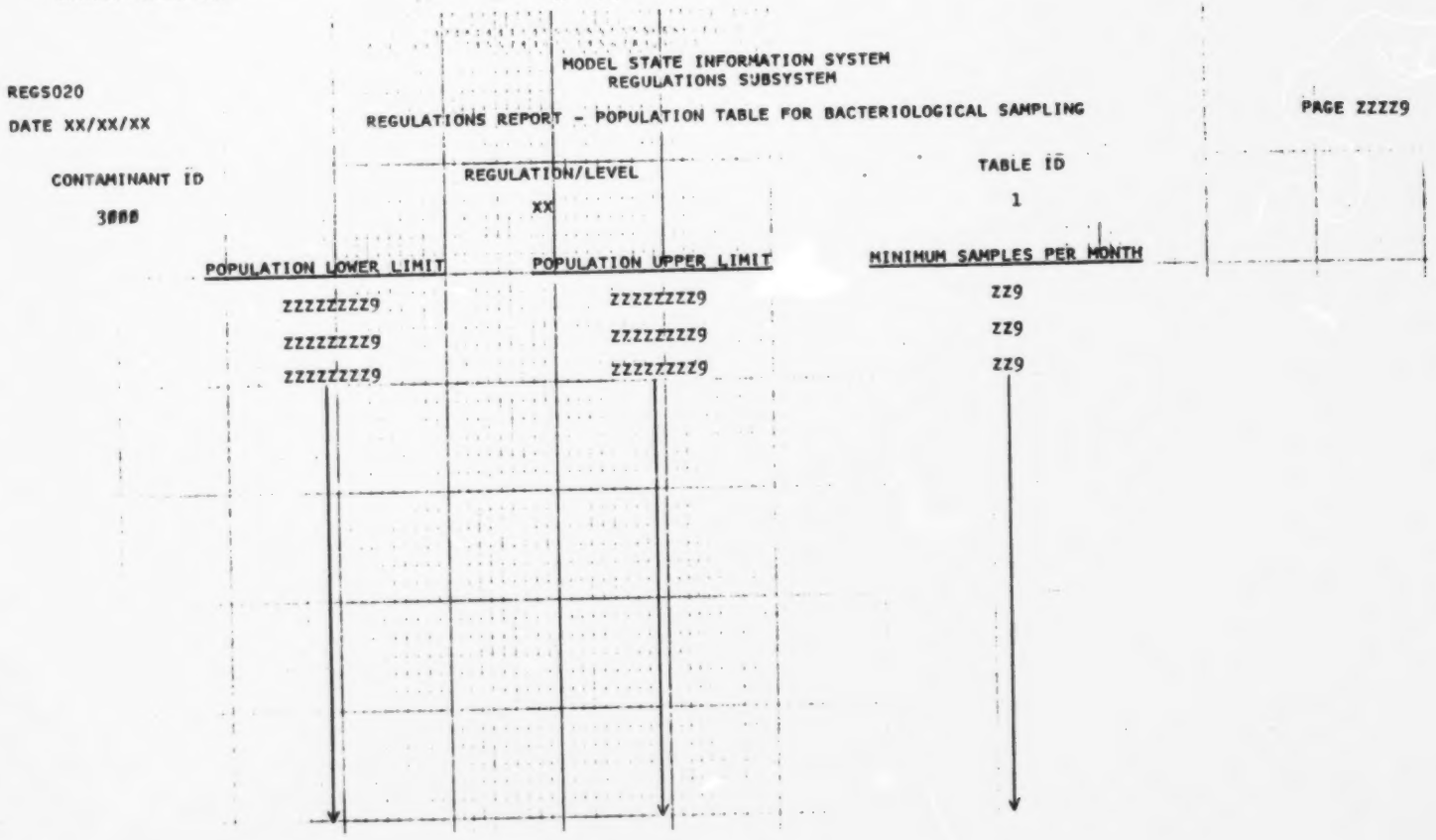
COMMUNITY PWS: 000 NON-COMMUNITY PWS: 000

MINIMUM RESAMPLING PERIOD
IF MCL EXCEEDED

00

REGS020 PA: 1 OF 1
9/23/76

RGF REPORT MODULE
SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER
EXHIBIT REGS.303



REGS020 1 OF 1
9/23/76

RGF REPORT MODULE
SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER
EXHIBIT REGS.30A

MODEL STATE INFORMATION SYSTEM
REGULATIONS SUBSYSTEM

REGS020

DATE XX/XX/XX

REGULATIONS REPORT - BACTERIOLOGICAL CONTAMINANT

PAGE ZZZZ9

CONTAMINANT ID	REGULATION/LEVEL	CONTAMINANT NAME	EFFECTIVE DATE
3010	XX	COLIFORM	XX/XX/XX

ANALYSIS METHOD	UNIT	SINGLE SAMPLE MCL	MONTHLY MCL	PERCENT OF SAMPLES	MINIMUM REQUIRED SAMPLES TO USE PERCENT	MCL WHEN PERCENT IS USED
MEMBRANE FILTER	COLIFORM	Z9	Z9	Z9	Z9	Z9
FERMENTATION TUBE - 10ML.	POSITIVE PORTIONS	Z9	Z9 (%)	Z9	Z9	Z9
FERMENTATION TUBE - 100ML.	POSITIVE PORTIONS	Z9	Z9 (%)	Z9	Z9	Z9

REQUIREMENTS FOR WAIVER OF ONE MONTH SAMPLING:

MAXIMUM REQUIRED SAMPLES	SAMPLING PERIOD
9	9

CHECK SAMPLING REQUIREMENTS IF SINGLE SAMPLE MCL IS VIOLATED:

MINIMUM NUMBER OF CONSECUTIVE DAILY CHECK SAMPLES	MINIMUM NUMBER OF CONSECUTIVE NEGATIVE PORTIONS	MINIMUM NUMBER OF CONSECUTIVE NEGATIVE MEMBRANE FILTERS
9	9	Z9

CHLORINE RESIDUAL METHOD:

NUMBER OF SAMPLES IN LIEU OF ONE REGULAR SAMPLE	MAXIMUM PERCENT OF REGULAR SAMPLES	MINIMUM CHLORINE LEVEL	MAXIMUM TIME TO RETEST CHLORINE LEVEL
Z9	Z9	9.9	Z9

NON-COMMUNITY PWS MONITORING REQUIREMENTS:

EFFECTIVE DATE	SEASONAL SAMPLING	SAMPLING PERIOD	NUMBER OF SAMPLES PER PERIOD
XX/XX/XX	X	X	Z9

REGS020 1 of 1
9/23/76

RGF Report Module
SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER
EXHIBIT REGS.305

REGS020
DATE XX/XX/XX

MODEL STATE INFORMATION SYSTEM
REGULATIONS SUBSYSTEM

REGULATIONS REPORT - FLUORIDE MCL TABLE

PAGE ZZZZ9

CONTAMINANT ID	REGULATION/LEVEL	TABLE ID
1025	XX	2

TEMPERATURE RANGES AND CORRESPONDING MCL

FAHRENHEIT		CELSIUS		MCL
LOWER	UPPER	LOWER	UPPER	
Z9.9	Z9.9	Z9.9	Z9.9	ZZZZ9.9
Z9.9	Z9.9	Z9.9	Z9.9	ZZZZ9.9
Z9.9	Z9.9	Z9.9	Z9.9	ZZZZ9.9

REASONABLE BOUNDS

Z9.9	Z9.9	Z9.9	Z9.9

REGS020 1 of 1
9/23/76

RGF Report Module
SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER
EXHIBIT REGS.306

REGS#2#
DATE XX/XX/XX

MODEL STATE INFORMATION SYSTEM
REGULATIONS SUBSYSTEM

REGULATIONS REPORT - MAJOR BETA EMITTERS TABLE

PAGE ZZZZ9

REGULATION/LEVEL	TABLE ID	EFFECTIVE DATE
XX	3	XX/XX/XX

CONTAMINANT ID	CONTAMINANT NAME	ANNUAL CONCENTRATION EQUIVALENT TO MCL DOSE	DETECTION LIMIT	NUCLEAR POWER PLANT CODE(S)
4199	XXXXXXXXXXXXXX	ZZZZ9.9	ZZZ9	Z Z Z Z Z
4199	XXXXXXXXXXXXXX	ZZZZ9.9	ZZZ9	Z Z Z Z Z
4199	XXXXXXXXXXXXXX	ZZZZ9.9	ZZZ9	Z Z Z Z Z

REGS020 1 OF 1
9/23/76

RGF REPORT MODULE

SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER

EXHIBIT REGS.307

REGS020

DATE XX/XX/XX

MODEL STATE INFORMATION SYSTEM
REGULATIONS SUBSYSTEM

REGULATIONS REPORT - GROSS ALPHA CONTAMINANT

PAGE ZZZZ9

CONTAMINANT ID	REGULATION/LEVEL	CONTAMINANT NAME	EFFECTIVE DATE
4000	XX	GROSS ALPHA	XX/XX/XX

MCL AND SCREENING LEVELS:

GROSS ALPHA MCL	COMBINED RADIUM MCL	MAXIMUM GROSS ALPHA SCREENING LEVEL: WITHOUT RADIUM-228	MAXIMUM GROSS ALPHA SCREENING LEVEL: WITH RADIUM-228	MAXIMUM RADIUM-226 SCREENING LEVEL: FOR RADIUM-228	MAXIMUM RADIUM-226 SCREENING LEVEL: FOR ANNUAL MONITORING
Z9.9	Z9.9	Z9.9	Z9.9	Z9.9	Z9.9

SAMPLING AND ANALYSIS REQUIREMENTS:

NUMBER OF CONSECUTIVE QUARTERLY SAMPLES	NORMAL MONITORING FREQUENCY	INITIAL MONITORING PERIOD FOR NEW WATER SOURCE	FRACTION OF MCL AT WHICH TO SUBSTITUTE SINGLE ANNUAL SAMPLE
9	9	Z9	.99

MONITORING FREQUENCY IF PWS IS IN VIOLATION	ANNUAL COMPOSITE OR MULTIPLE SAMPLE AVERAGE REQUIRED	THESE REGULATIONS APPLY TO COMMUNITY, NON-COMMUNITY OR BOTH
Z9	X	X

260

RGF REPORT MODULE
SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER
EXHIBIT REGS.308

MODEL STATE INFORMATION SYSTEM
REGULATIONS SUBSYSTEM

REGS020 REGULATIONS REPORT - GROSS BETA CONTAMINANT PAGE ZZZZ9

DATE XX/XX/XX

CONTAMINANT ID	REGULATION/LEVEL	CONTAMINANT NAME	EFFECTIVE DATE
4100	XX	GROSS BETA	XX/XX/XX

MCL AND SCREENING LEVELS:

MAN-MADE RADIONUCLIDE ANNUAL MCL DOSAGE	TRITIUM SCREENING LEVEL	STRONTIUM-90 SCREENING LEVEL	MAXIMUM GROSS BETA SCREENING LEVELS: FOR MAJOR BETA EMITTERS - NO NUCLEAR FACILITY CONTAMINATION	FOR MAJOR BETA EMITTERS - WATERS CONTAMINATED BY A NUCLEAR FACILITY	FOR STRONTIUM-89 AND CESIUM-134 - WATERS CONTAMINATED BY A NUCLEAR FACILITY
9.9	ZZZZ9	Z9.9	Z9.9	Z9.9	Z9.9

SAMPLING AND ANALYSIS REQUIREMENTS:

THESE REGULATIONS APPLY TO COMMUNITY, NON-COMMUNITY OR BOTH	REQUIRED MONITORING OF GROUND WATER SOURCES	COMPOSITE OR SAMPLE AVERAGE REQUIRED	MINIMUM POPULATION FOR REQUIRED ANNUAL MONITORING
X	X	X	ZZZZZ9

NO NUCLEAR FACILITY CONTAMINATION:

INITIAL NUMBER OF SAMPLES PER YEAR	NORMAL MONITORING FREQUENCY	MONITORING FREQUENCY IF PWS IS IN VIOLATION
9	9	Z9

WATERS CONTAMINATED BY A NUCLEAR FACILITY:

NUMBER OF SAMPLES PER YEAR		NORMAL MONITORING FREQUENCY		MONITORING FREQUENCY IF PWS IS IN VIOLATION	IODINE-131 CONSECUTIVE DAILY SAMPLES REQUIRED PER QUARTER
IODINE-131	STRONTIUM-90 AND TRITIUM	IODINE-131	STRONTIUM-90 AND TRITIUM		
Z9	Z9	Z9	Z9	Z9	Z9

NOTES

WAQC210

MODEL STATE INFORMATION SYSTEM
WATER QUALITY COMPLIANCE SUBSYSTEM

WAQC.100

PROCESSING OPTIONS FOR JOB _____

CARD ID: P A Q C (1-4)

DATE: M D Y (5-10)

STANDARD ERROR PROCESSING OPTION:

11 ☐ Y = YES, N = NO — CREATE A SPECIAL OUTPUT FILE OF ERROR RECORDS

12 ☐ Y = YES, N = NO — PRINT ONLY THE DATA ELEMENT FIELDS WHICH WERE IN ERROR - NOT THE ENTIRE RECORD

PREPARED BY _____ DATE __/__/__

APPROVED BY _____ DATE __/__/__

WAQC210

MODEL STATE INFORMATION SYSTEM

WATER QUALITY COMPLIANCE SUBSYSTEM

WAQC.101

LABORATORY TABLE INPUT FORM

LAB ID (1-5) | 9 (6) | OWNER TYPE (7) | LABORATORY NAME (8 - 37)

EXPIRATION DATE (38-43)
M D Y

CARD CODE: L 1 (79-80)

PREPARED BY _____ DATE __/__/__

APPROVED BY _____ DATE __/__/__

WAQC210

MODEL STATE INFORMATION SYSTEM

WAQC.102

WATER QUALITY COMPLIANCE SUBSYSTEM

LABORATORY TABLE INPUT FORM

LAB ID	CONTAMINANT GROUP	AUTHORIZED ANALYSIS METHOD CODES									
1-5	6	7-9	10-12	13-15	16-18	19-21	22-24	25-27	28-30	31-33	34-36
		37-39	40-42	43-45	46-48	49-51	52-54	55-57	58-60	61-63	64-66
		67-69	70-72	73-75	76-78						

CONTAMINANT GROUP CODES
0 - TURBIDITY
1 - INORGANIC CHEMICALS
2 - ORGANIC CHEMICALS
3 - MICROBIOLOGICAL
4 - RADIONUCLIDE
9 - OTHER

CARD CODE: L 2 (79-80)

PREPARED BY _____ DATE ___/___/___

APPROVED BY _____ DATE ___/___/___

WAQC010,020

MODEL STATE INFORMATION SYSTEM
WATER QUALITY COMPLIANCE SUBSYSTEM

WAQC.103

PROCESSING OPTIONS FOR JOB _____

CARD ID: P R O C (1-4)

DATE: M D Y (5-10)

STANDARD ERROR PROCESSING OPTIONS:

☐ 11 Y = YES, N = NO — CREATE A SPECIAL FILE OF ERROR RECORDS

☐ 12 Y = YES, N = NO — PRINT ONLY THE DATA ELEMENT FIELDS WHICH WERE IN ERROR - NOT THE ENTIRE RECORD

PREPARED BY _____ DATE __/__/__

APPROVED BY _____ DATE __/__/__

WAQC011,40,41
50,51,60,61,70
80,90,110,111,
112,113

MODEL STATE INFORMATION SYSTEM
WATER QUALITY COMPLIANCE SUBSYSTEM

WAQC.104

SORT OPTIONS FOR JOB _____

CARD ID	SORT SEQUENCE	MNEMONIC NAME OF DATA ELEMENT	SORT MODE	
S O R T				
1-4	5-6	7-16	17	A=ASCENDING D=DESCENDING
	18-19	20-29	30	A=ASCENDING D=DESCENDING
	31-32	33-42	43	A=ASCENDING D=DESCENDING
	44-45	46-55	56	A=ASCENDING D=DESCENDING
	57-58	59-68	69	A=ASCENDING D=DESCENDING

PREPARED BY _____ DATE __/__/__

APPROVED BY _____ DATE __/__/__

WAQC010

MODEL STATE INFORMATION SYSTEM

WAQC.105

WATER QUALITY COMPLIANCE SUBSYSTEM

SAMPLE DELETION TRANSACTIONS - PERIODIC SAMPLE FILE

PWS ID	CARD CODE	CONTAMINANT ID	CONTAMINANT NAME	ANALYSIS METHOD	SAMPLE KEY
1-7	8-9	10-13		14-16	17-26
	01				
	01				
	01				
	01				
	01				
	01				
	01				
	01				
	01				
	01				

PREPARED BY _____ DATE __/__/__

APPROVED BY _____ DATE __/__/__

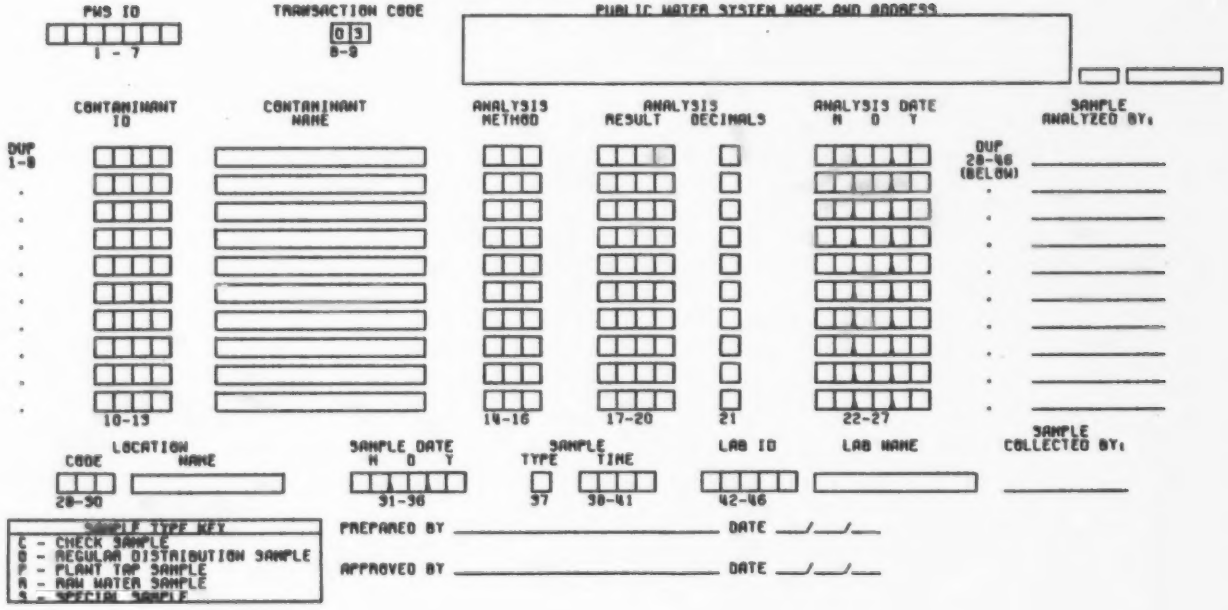
WADC010

MODEL STATE INFORMATION SYSTEM

WATER QUALITY COMPLIANCE SUBSYSTEM

WADC.100

CHEMICAL OR RADIOLOGICAL ANALYSIS INPUT FORM



WAQC010

MODEL STATE INFORMATION SYSTEM
WATER QUALITY COMPLIANCE SUBSYSTEM

WAQC.107

BACTERIOLOGICAL OR TURBIDITY ANALYSIS INPUT FORM

PWS ID (1 - 7)

TRANSACTION CODE [0 5] (8-9)

PUBLIC WATER SYSTEM NAME AND ADDRESS

CONTAMINANT ID (10-13)

CONTAMINANT NAME

DUP 1-13	METHOD 14-16	ANALYSIS RESULT 17-20	DECIMALS 21	ANALYSIS DATE M D Y 22-27	LOCATION CODE 28-30	LOCATION NAME	SAMPLE DATE M D Y 31-36	SAMPLE TYPE 37	SAMPLE TIME 38-41	DUP 42-46 (BELOW)	SAMPLE COLLECTED BY	SAMPLE ANALYZED BY
.										.	___/___	___/___
.										.	___/___	___/___
.										.	___/___	___/___
.										.	___/___	___/___
.										.	___/___	___/___
.										.	___/___	___/___
.										.	___/___	___/___
.										.	___/___	___/___
.										.	___/___	___/___
.										.	___/___	___/___

LAB ID (42-46)

LAB NAME

PREPARED BY _____ DATE __/__/__

APPROVED BY _____ DATE __/__/__

SAMPLE TYPE KEY
C - CHECK SAMPLE
D - REGULAR DISTRIBUTION SAMPLE
P - PLANT TAP SAMPLE
R - RAW WATER SAMPLE
S - SPECIAL SAMPLE

WAQC010

MODEL STATE INFORMATION SYSTEM
WATER QUALITY COMPLIANCE SUBSYSTEM

WAQC.108

BACTERIOLOGICAL OR TURBIDITY SUMMARY ANALYSIS INPUT FORM

PWS ID (1 - 7)

TRANSACTION CODE [0 7] (8-9)

PUBLIC WATER SYSTEM NAME AND ADDRESS

CONTAMINANT ID (10 - 13)

CONTAMINANT NAME

ANALYSIS METHOD (14-16)

NUMBER OF SAMPLES REQUIRED (17-19)

NUMBER OF SAMPLES TAKEN (20-22)

SAMPLE ANALYSIS RESULTS

HIGHEST (23-26) DEC. (27)

LOWEST (28-31) DEC. (32)

AVERAGE (33-36) DEC. (37)

NUMBER OF SAMPLES IN VIOLATION: FEDERAL MCL (38-41) STATE MCL (42-45)

LONGEST VIOLATION DURATION (46-48)

SAMPLE PERIOD: START M D Y (49-54) END M D Y (55-60)

SAMPLE TYPE (61)

DATE OF LAST SAMPLE M D Y (62-67)

LABORATORY ANALYZING THE MOST SAMPLES: ID (68-72) NAME

CHECK SAMPLES: REGULATIONS NUMBER FEDERAL (73) REQUIRED TAKEN STATE (74) ACTUAL NUMBER TAKEN (75-77)

NOTIFIED OF VIOLATIONS: PUBLIC (78) STATE (79)

PREPARED BY _____ DATE ___/___/___

APPROVED BY _____ DATE ___/___/___

SAMPLE TYPE KEY
C - CHECK SAMPLE
D - REGULAR DISTRIBUTION SYSTEM
P - PLANT TAP SAMPLE
R - RAW WATER SAMPLE
S - SPECIAL SAMPLE

EXHIBIT NO. WAQC.109

has been intentionally left out.

WAQC020

MODEL STATE INFORMATION SYSTEM

WAQC.110

WATER QUALITY COMPLIANCE SUBSYSTEM

SAMPLE DELETION TRANSACTIONS - SAMPLE ANALYSIS FILE

PWS ID	CARD CODE	CONTAMINANT ID	CONTAMINANT NAME	ANALYSIS METHOD	SAMPLE KEY
1-7	8-9	10-13		14-16	17-26
	9 9				
	9 9				
	9 9				
	9 9				
	9 9				
	9 9				
	9 9				
	9 9				
	9 9				

PREPARED BY _____ DATE ___/___/___

APPROVED BY _____ DATE ___/___/___

WAQC011,125

MODEL STATE INFORMATION SYSTEM
WATER QUALITY COMPLIANCE SUBSYSTEM

WAQC.111

PROCESSING OPTIONS FOR JOB_____

CARD ID

P	A	Q	C

1-4

DATE

M D Y

5-10

PREPARED BY _____ DATE __/__/__

APPROVED BY _____ DATE __/__/__

EXHIBIT NO. WAQC.112

has been intentionally left out.

WAQC220

MODEL STATE INFORMATION SYSTEM
WATER QUALITY COMPLIANCE SUBSYSTEM

WAQC.113

PROCESSING OPTIONS FOR JOB _____

CARD ID: P A 0 C (1-4)

CURRENT DATE: M D Y (5-10)

	PURGE DATE M D Y	CONTAMINANT GROUP
	(14-19)	0 (20)
	(21-26)	1 (27)
	(28-33)	2 (34)
	(35-40)	3 (41)
	(42-47)	4 (48)

PURGE REPORT PROCESSING OPTION: ☐ (49) Y = YES, PRINT ALL PURGED RECORDS; N = NO, DO NOT PRODUCE PURGED REPORT

PREPARED BY _____ DATE __/__/__

APPROVED BY _____ DATE __/__/__

WAQC130

MODEL STATE INFORMATION SYSTEM
WATER QUALITY COMPLIANCE SUBSYSTEM

WAQC.114

PROCESSING OPTIONS FOR JOB _____

CARD ID

P	A	Q	C
1	2	3	4

1-4

DATE

M D Y

		/		/	

5-10

SCHEDULING RERUN OPTION: ☐ 14

Y = YES, THIS IS A RERUN

N = NO, THIS IS NOT A RERUN

MONTHLY OPERATIONS REPORT OPTION:

☐ 15

Y = YES, PRODUCE THE MONTHLY OPERATIONS REPORT UPDATE FORMS

N = NO, DO NOT PRODUCE THE MONTHLY OPERATIONS REPORT UPDATE FORMS

PREPARED BY _____ DATE __/__/__

APPROVED BY _____ DATE __/__/__

WAQC100

MODEL STATE INFORMATION SYSTEM
WATER QUALITY COMPLIANCE SUBSYSTEM

WAQC.115

PROCESSING OPTIONS FOR JOB _____

CARD ID	CURRENT DATE M D Y	FROM DATE M D Y	TO DATE M D Y
P A 0 C			
1 - 4	5 - 10	14 - 19	20 - 25

CONTAMINANT GROUP

- ☐ 26 — 0 - TURBIDITY CONTAMINANT GROUP
- ☐ 27 — 1 - INORGANIC CHEMICAL CONTAMINANT GROUP
- ☐ 28 — 2 - ORGANIC CHEMICAL CONTAMINANT GROUP
- ☐ 29 — 3 - BACTERIOLOGICAL CONTAMINANT GROUP
- ☐ 30 — 4 - RADIOLOGICAL CONTAMINANT GROUP

SUMMARY OR LIST

CHEMICAL	RADIOLOGICAL
☐ 31	☐ 32

ENTER Y OR N IN CONTAMINANT GROUP:
Y = SELECT CONTAMINANT GROUP
N = DO NOT SELECT CONTAMINANT GROUP

ENTER S OR L:
S = SUMMARY
L = LIST

PREPARED BY _____ DATE __/__/__

APPROVED BY _____ DATE __/__/__

WAQC100,125

MODEL STATE INFORMATION SYSTEM
WATER QUALITY COMPLIANCE SUBSYSTEM

WAQC.116

SELECTION FORM - DEFINITION OF DATA ELEMENTS

CARD ID
S E L 1
1-4

DUP 1 - 4

DATA ELEMENT MNEMONIC NAME	DATA ELEMENT COMPARATIVE VALUE	DATA ELEMENT LOGIC ID NO.
5-14	15-29	30-31

PREPARED BY _____ DATE __/__/__

APPROVED BY _____ DATE __/__/__

WAQC100,125

MODEL STATE INFOR ATION SYSTEM
WATE QUA ITY COMPLIANCE SUBSYSTEM

WAQC.117

SELECTION JAM - DEFINITION OF LOGIC FOR SELECTION

RELATION SYMBOLS: LT = LESS THAN GT = GREATER THAN NG = NOT GREATER THAN
EQ = EQUAL NL = NOT LESS THAN NX = NOT EXISTS (EMPTY)

CARD ID	DATA ELEMENT LOGIC ID NO.	RELATION SYMBOL	DATA ELEMENT LOGIC ID NO.	RELATION SYMBOL	DATA ELEMENT LOGIC ID NO.	RELATION SYMBOL	DATA ELEMENT LOGIC ID NO.	RELATION SYMBOL
SELZ (1-4)	01	□□ 5-6	02	□□ 7-8	03	□□ 9-10	04	□□ 11-12
	05	□□ 13-14	06	□□ 15-16	07	□□ 17-18	08	□□ 19-20
	09	□□ 21-22	10	□□ 23-24	11	□□ 25-26	12	□□ 27-28
	13	□□ 29-30	14	□□ 31-32	15	□□ 33-34	16	□□ 35-36
	17	□□ 37-38	18	□□ 39-40	19	□□ 41-42	20	□□ 43-44
	21	□□ 45-46	22	□□ 47-48	23	□□ 49-50	24	□□ 51-52
	25	□□ 53-54	26	□□ 55-56	27	□□ 57-58	28	□□ 59-60
	29	□□ 61-62	30	□□ 63-64	31	□□ 65-66	32	□□ 67-68
	33	□□ 69-70	34	□□ 71-72	35	□□ 73-74		

PREPARED BY _____ DATE __/__/__

APPROVED BY _____ DATE __/__/__

WAQC120

MODEL STATE INFORMATION SYSTEM
WATER QUALITY COMPLIANCE SUBSYSTEM

WAQC.118

PROCESSING OPTIONS FOR JOB _____

CARD ID: P R O C (1-4)

DATE: M D Y (5-10)

STANDARD ERROR PROCESSING OPTIONS:

☐ (11) Y = YES, N = NO — CREATE A SPECIAL FILE OF ERROR RECORDS

☐ (12) Y = YES, N = NO — PRINT ONLY THE DATA ELEMENT FIELDS WHICH WERE IN ERROR - NOT THE ENTIRE RECORD

STANDARD HISTORY PROCESSING OPTION:

☐ (13) SELECT THE CODE FOR THE TYPE OF HISTORY REPORT TO BE PRINTED
- 1 = ONLY NEW STANDARD HISTORY FILE RECORDS
- 2 = ALL THE STANDARD HISTORY FILE RECORDS WHICH WERE EVER CREATED FROM THIS SUBSYSTEM
- 3 = THE ENTIRE STANDARD HISTORY FILE
- 4 = DO NOT PRINT A REPORT

PREPARED BY _____ DATE __/__/__

APPROVED BY _____ DATE __/__/__

WAQC120

MODEL STATE INFORMATION SYSTEM
WATER QUALITY COMPLIANCE SUBSYSTEM

WAQC.119

VIOLATIONS FILE

RECORD CREATION AND MAINTENANCE FORM

VIOLATION IDENTIFICATION	CARD CODE	RECORD CREATION	
	0 0		ENTER A 'Y' IF CREATING A NEW RECORD
1-5	6-7	8	ONLY PUNCH THIS CARD IF A 'Y' IS ENTERED

	CARD CODE	PWS ID	REGULATION LEVEL	CONTAMINANT ID	LAB ID	SAMPLE DATE M D Y
DUP 1-5	0 1					
	6-7	9-14	15-16	17-20	21-25	26-31

-----SAMPLES-----		----------ANALYSIS----------				SAMPLING CUT-OFF DATE
NUMBER REQUIRED	NUMBER TAKEN	METHOD	RESULT	DECIMALS	DATE M D Y	M D Y
32-35	36-39	40-42	43-47	48	49-54	55-60

PREPARED BY _____ DATE ___/___/___

APPROVED BY _____ DATE ___/___/___

WAQC120

MODEL STATE INFORMATION SYSTEM

WAQC.120

WATER QUALITY COMPLIANCE SUBSYSTEM

VIOLATIONS FILE

RECORD CREATION AND MAINTENANCE FORM

VIOLATION IDENTIFICATION	CARD CODE	VIOLATION TYPE	VIOLATION DATE (M D Y)	MCL VIOLATED	MCL VIOLATED DECIMALS	SAMPLING FREQUENCY VIOLATED	NUMBER SAMPLES VIOLATED	VIOLATION DURATION
1-5	6-7 (0 2)	8-9	10-15	16-20	21	22-24	25-28	29-30

NOTIFY PUBLIC	NOTIFY STATE	SAMPLE TYPE	SAMPLE KEY	DATE LAST REPORT (M D Y)
31	32	33	34-43	44-49

TIME SINCE LAST REPORT	REMARKS
50-51	52-76

VIOLATION IDENTIFICATION	CARD CODE	RECORD DELETION
1-5	6-7 (9 9)	8

ENTER A 'Y' IF DELETING A RECORD
ONLY PUNCH THIS CARD IF A 'Y' IS ENTERED

PREPARED BY _____ DATE __/__/__

APPROVED BY _____ DATE __/__/__

WAQC025

MODEL STATE INFORMATION SYSTEM

WAQC.121

WATER QUALITY COMPLIANCE SUBSYSTEM

PROCESSING OPTIONS FOR JOB_____

CARD ID: P A O C (1-4)

PROCESSING DATE M D Y (5-10)

PROCESSING LAG TIME (11-12)

BACTERIOLOGICAL/TURBIDITY COMPLIANCE CYCLE (13-14)

INORGANIC CHEMICALS
AVERAGE DAILY MAXIMUM AIR TEMPERATURE
TEMPERATURE (15-17)

UNITS (18)
F = FAHRENHEIT
C = CELSIUS

ORGANIC CHEMICALS
SEASONAL SAMPLING DATES
FROM M D Y (19-24)
UNTIL M D Y (25-30)

OPERATIONS REPORT PROCESSING MONTH M Y (31-34)

PREPARED BY _____ DATE __/__/__

APPROVED BY _____ DATE __/__/__

EXHIBIT NO.'s WAQC.122 and 123

have been intentionally left out.

WAQC130

MODEL STATE INFORMATION SYSTEM
WATER QUALITY COMPLIANCE SUBSYSTEM

WAQC.124

SAMPLE SCHEDULING INPUT FORM

PWS-ID	TURBIDITY	CHEMICALS	BACTERIOLOGICAL	RADIONUCLIDES NATURAL	RADIONUCLIDES MAN-MADE
☐☐☐☐☐☐☐	☐	☐	☐	☐	☐
1-7	8	9	10	11	12

BACTERIOLOGICAL MAILING LABELS OPTION ☐ (13)

S = SINGLE (ONE PER PWS)
A = ONE PER SAMPLE
P = NUMBER PER PWS SPECIFIED IN CC 14-15
N = NONE

BACTERIOLOGICAL MAILING LABELS NUMBER ☐☐ (14-15)

RESCHEDULE CHEMICALS ☐ (16)

RESCHEDULE RADIONUCLIDES ☐ (17)

PREPARED BY _____ DATE __/__/__

APPROVED BY _____ DATE __/__/__

WAQC150,170
180

MODEL STATE INFORMATION SYSTEM
WATER QUALITY COMPLIANCE SUBSYSTEM

WAQC.125

RESTART FORM FOR JOB _____

CARD ID	RESTART NUMBER
R E S T A R T							
1 - 7	8 - 14

PREPARED BY _____ DATE __/__/__

APPROVED BY _____ DATE __/__/__

NOTES

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :	DATE: 10/25/76	EXHIBIT: WAQC.200
	RECORD TYPE: Fixed	PAGE: 1 OF 2
	RECORD SIZE: 80	
	RECORD ACCESS KEY: LBI-PROC-IDENT	
INPUT TO SUBSYSTEM (S) : Water Quality Compliance		
FILE NAME: Processing Options	FILE ID: LBI	RECORD NAME: LBI-PROC-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Processing Options	FILE ID: LBI	RECORD NAME: LBI-PROC-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		LBI-PROC-RECORD	Grp					1	80
03		LBI-PROC-ID		A/N	X(4)			1	4
03		LBI-PROC-DATE		A/N	X(6)			5	10
03		LBI-PROC-OUTPUT		A/N	X(1)			11	11
03		LBI-PROC-FIELD-SELECT		A/N	X(1)			12	12
03		FILLER		A/N	X(68)			13	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :	**DATE:** 10/25/76	**EXHIBIT:** WAQC.201
	RECORD TYPE: Fixed	**PAGE:** 1 OF 2
	RECORD SIZE: 80	
	RECORD ACCESS KEY: LBI-CARD1-LAB-ID LBI-CARD1-CARD-CODE	
INPUT TO SUBSYSTEM (S) : Water Quality Compliance		
FILE NAME: Laboratory Table Input File	**FILE ID:** LBI	**RECORD NAME:** LBI-CARD1-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Laboratory Table Input File	FILE ID: LBI	RECORD NAME: LBI-CARD1-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		LBI-CARD1-RECORD	Grp					1	80
03		LBI-CARD1-LAB-ID		A/N	X(5)			1	5
03		FILLER		A/N	X(1)			6	6
03		LBI-CARD1-OWNER-TYPE		A/N	X(1)			7	7
03		LBI-CARD1-LAB-NAME		A/N	X(30)			8	37
03		LBI-CARD1-EXPIRATION-DATE		A/N	X(6)			38	43
03		FILLER		A/N	X(35)			44	78
03		LBT-CARD1-CARD-CODE		A/N	X(2)			79	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

INPUT TO SUBSYSTEM (S) :

Water Quality Compliance

DATE: 1Ø/25/76

EXHIBIT: WAQC.2Ø2

RECORD TYPE: Fixed

RECORD SIZE: 8Ø

PAGE: 1 OF 2

RECORD ACCESS KEY:

LBI-CARD2-LAB-ID
LBI-CARD2-CONTAMINANT-GROUP
LBI-CARD2-CARD-CODE

FILE NAME: Laboratory Table Input File

FILE ID: LBI

RECORD NAME: LBI-CARD2-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Laboratory Table Input File	FILE ID: LBI	RECORD NAME: LBI-CARD2-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
Ø1		LBI-CARD2-RECORD	Grp					1	8Ø
Ø3		LBI-CARD2-LAB-ID		A/N	X(5)			1	5
Ø3		LBI-CARD2-CONTAMINANT-GROUP		A/N	X(1)			6	6
Ø3		LBI-CARD2-ANALYSIS-METHOD		A/N	X(3)	24		7	78
Ø3		LBI-CARD2-CARD-CODE		A/N	X(2)			79	8Ø

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :	DATE: 11/2/76	EXHIBIT: WAQC.2Ø3
	RECORD TYPE: Fixed RECORD SIZE: 8Ø	PAGE: 1 OF 2
	RECORD ACCESS KEY: PSFI-PROC-ID	
INPUT TO SUBSYSTEM (S) : Water Quality Compliance		
FILE NAME: Periodic Sample Processing Options	FILE ID: PSFI	RECORD NAME: PSFI-PROC-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Periodic Sample Processing	FILE ID: PSFI	RECORD NAME: PSFI-PROC-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
Ø1		PSFI-PROC-RECORD	Grp					1	8Ø
Ø3		PSFI-PROC-ID		A/N	X(4)			1	4
Ø3		PSFI-PROC-DATE		A/N	X(6)			5	1Ø
Ø3		PSFI-PROC-OUTPUT		A/N	X(1)			11	11
Ø3		PSFI-PROC-FIELD-SELECT		A/N	X(1)			12	12
Ø3		FILLER		A/N	X(68)			13	8Ø

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :	DATE: 11/2/76	EXHIBIT: WAQC.204
	RECORD TYPE: Fixed	PAGE: 1 OF 2
	RECORD SIZE: 80	
	RECORD ACCESS KEY: PSFI-SORT-ID	
INPUT TO SUBSYSTEM (S) : Water Quality Compliance		
FILE NAME: Periodic Sample Sort Option	FILE ID: PSFI	RECORD NAME: PSFI-SORT-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Periodic Sample Sort Options	FILE ID: PSFI	RECORD NAME: PSFI-SORT-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PSFI-SORT-RECORD	Grp					1	80
03		PSFI-SORT-ID		A/N	X(4)			1	4
03		PSFI-SORT-INFO	Grp		-	5		5	69
05		PSFI-SORT-SEQUENCE		A/N	X(2)			5	6
05		PSFI-SORT-MNEMONIC		A/N	X(10)			7	16
05		PSFI-SORT-MODE		A/N	X(1)			17	17
03		FILLER		A/N	X(11)			70	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

DATE: 11/2/76

EXHIBIT: WAQC.205

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 2

RECORD ACCESS KEY: PSFI-DELT-KEY

INPUT TO SUBSYSTEM (S) :

Water Quality Compliance

FILE NAME: Periodic Sample Input File

FILE ID: PSFI

RECORD NAME: PSFI-DELT-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Periodic Smaple Input File	FILE ID: PSFI	RECORD NAME: PSFI-DELT-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
Ø1		PSFI-DELT-RECORD	Grp					1	8Ø
Ø3		PSFI-DELT-KEY	Grp					1	26
Ø5	PS-PWS-ID	PSFI-DELT-PWS-ID		A/N	X(7)			1	7
Ø5		PSFI-DELT-TRANSACTION-CODE		A/N	X(2)			8	9
Ø5	PS-CON-ID	PSEI-DELT-CONTAMINANT-ID		A/N	X(4)			1Ø	I3
Ø5	PS-AN-METH	PSFI-DELT-ANALYSIS-METHOD		A/N	X(3)			14	16
Ø5	PS-SAMPLKY	PSFI-DELT-SAMPLE-KEY		A/N	X(1Ø)			17	26
Ø3		FILLER		A/N	X(54)			27	8Ø
	Note: Mnemonics apply to data elements on the								
	Periodic Sample File (PSF)								

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :	**DATE:** 11/2/76	**EXHIBIT:** WAQC.206
	RECORD TYPE: Fixed **RECORD SIZE:** 80	**PAGE:** 1 OF 3
	RECORD ACCESS KEY: PSFI-DETL-KEY	
INPUT TO SUBSYSTEM (S) : Water Quality Compliance		
FILE NAME: Periodic Sample Input File	**FILE ID:** PSFI	**RECORD NAME:** PSFI-DETL-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Periodic Sample Input File	FILE ID: PSFI	RECORD NAME: PSFI-DETL-RECORD	PAGE: 2 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PSFI-DETL-RECORD	Grp					1	80
03		PSFI-DETL-KEY	Grp					1	16
05	PS-PWS-ID	PSFI-DETL-PWS-ID		A/N	X(7)			1	7
05		PSFI-DETL-TRANSACTION-CODE		A/N	X(2)			8	9
05	PS-CONID	PSFI-DETL-CONTAMINANT-ID		A/N	X(4)			10	13
05	PS-AN-METH	PSFI-DETL-ANALYSIS-METHOD		A/N	X(3)			14	16
03	PS-D-ANRSL	PSFI-DETL-ANALYSIS-RESULT		A/N	X(4)			17	20
03	PS-D-ANDEC	PSFI-DETL-ANALYSIS-DECIMALS		A/N	X(1)			21	21
03	PS-D-ANDTE	PSFI-DETL-ANALYSIS-DATE		A/N	X(6)			22	27
03	PS-LOCAT	PSFI-DETL-SAMPLE-ID-CODE		A/N	X(3)			28	30
03	PS-SAMPLDT	PSFI-DETL-SAMPLE-DATE		A/N	X(6)			31	36
03	PS-SAMPLTP	PSFI-DETL-SAMPLE-TYPE		A/N	X(1)			37	37
03	PS-SAMPLTM	PSFI-SETL-SAMPLE-TIME		A/N	X(4)			38	41
03	PS-LAB-ID	PSFI-DETL-LAB-ID		A/N	X(5)			42	46

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Periodic Sample Input File	FILE ID: PSFI	RECORD NAME: PSFI-DETL-RECORD	PAGE: 3 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03		FILLER		A/N	X(34)			47	80
	Note: Mnemonics apply to data elements on the Periodic Sample File								

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :	DATE: 11/2/76	EXHIBIT: WAQC.207
	RECORD TYPE: Fixed	PAGE: 1 OF 4
	RECORD SIZE: 80	
	RECORD ACCESS KEY: PSFI-SUMM-KEY	
INPUT TO SUBSYSTEM (S) : Water Quality Compliance		
FILE NAME: Periodic Sample Input File	FILE ID: PSFI	RECORD NAME: PSFI-SUMM-RECORD

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MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Periodic Sample Input File	FILE ID: PSFI	RECORD NAME: PSFI-SUMM-RECORD	PAGE: 2 OF 4

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PSFI-SUMM-RECORD	Grp					1	80
03		PSFI-SUMM-KEY	Grp					1	16
05	PS-PWS-ID	PSFI-SUMM-PWS-ID		A/N	X(7)			1	7
05		PSFI-SUMM-TRANSACTION-CODE		A/N	X(2)			8	9
05	PS-CONID	PSFI-SUMM-CONTAMINANT-ID		A/N	X(4)			10	13
05	PS-AN-METH	PSFI-SUMM-ANALYSIS-METHOD		A/N	X(3)			14	16
03	PS-REG-SPL	PSFI-SUMM-REQUIRED-NUM-SAMPLES		A/N	X(3)			17	19
03	PS-ACT-SPL	PSFI-SUMM-ACTUAL-NUM-SAMPLES		A/N	X(3)			20	22
03	PS-S-HIRSL	PSFI-SUMM-HIGHEST-RESULT		A/N	X(4)			23	26
03	PS-S-HIDEC	PSFI-SUMM-HIGH-DECIMALS		A/N	X(1)			27	27
03	PS-S-LORSL	PSFI-SUMM-LOWEST-RESULT		A/N	X(4)			28	31
03	PS-S-LODEC	PSFI-SUMM-LOW-DECIMALS		A/N	X(1)			32	32
03	PS-S-MNRSL	PSFI-SUMM-MEAN-RESULT		A/N	X(4)			33	36
03	PS-S-MNDEC	PSFI-SUMM-MEAN-DECIMALS		A/N	X(1)			37	37

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Periodic Sample Input File	FILE ID: PSFI	RECORD NAME: PSFI-SUMM-RECORD	PAGE: 3 OF 4

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03	PS-FED-VIO	PSFI-SUMM-FEDERAL-VIOLATIONS		A/N	X(4)			38	41
03	PS-STA-VIO	PSFI-SUMM-STATE-VIOLATIONS		A/N	X(4)			42	45
03	PS-VIO-DUR	PSFI-SUMM-VIOLATION-DURATION		A/N	X(3)			46	48
03	PS-PRD-STR	PSFI-SUMM-SAMPLE-PERIOD-START		A/N	X(6)			49	54
03	PS-PRD-END	PSFI-SUMM-SAMPLE-PERIOD-END		A/N	X(6)			55	60
03	PS-SAMPLTP	PSFI-SUMM-SAMPLE-TYPE		A/N	X(1)			61	61
03	PS-SAMPLDT	PSFI-SUMM-SAMPLE-DATE		A/N	X(6)			62	67
03	PS-LAB-ID	PSFI-SUMM-LAB-ID		A/N	X(5)			68	72
03	PS-CHK-FED	PSFI-SUMM-CHECK-SAMPLE-FEDERAL		A/N	X(1)			73	73
03	PS-CHK-STA	PSFI-SUMM-CHECK-SAMPLE-STATE		A/N	X(1)			74	74
03	PS-CHK-NUM	PSFI-SUMM-CHECK-SAMPLE-NUMBER		A/N	X(3)			75	77
03	PS-NOTIPUB	PSFI-SUMM-NOTIFIED-PUBLIC		A/N	X(1)			78	78
03	PS-NOTISTA	PSFI-SUMM-NOTIFIED-STATE		A/N	X(1)			79	79
03		FILLER		A/N	X(1)			80	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Periodic Sample Input File	FILE ID: PSFI	RECORD NAME: PSFI-SUMM-RECORD	PAGE: 4 OF 4

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
	Note: MNEMONICS apply to data elements								
	on the Periodic Sample File								

EXHIBIT NO. WAQC.208

has been intentionally left out.

NOTES

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :	DATE: 12/8/76	EXHIBIT: WAQC.2Ø9
	RECORD TYPE: Fixed RECORD SIZE: 8Ø	PAGE: 1 OF 2
	RECORD ACCESS KEY: SAFI-PROC-ID	
INPUT TO SUBSYSTEM (S) : Water Quality Compliance		
FILE NAME: Sample Analysis Processing Option	FILE ID: SAFI	RECORD NAME: SAFI-PROC-RECORD

911

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Sample Analysis Processing Option	FILE ID: SAFI	RECORD NAME: SAFI-PROC-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
Ø1		SAFI-PROC-RECORD	Grp					1	8Ø
Ø3		SAFI-PROC-ID		A/N	X(4)			1	4
Ø3		SAFI-PROC-DATE		A/N	X(6)			5	1Ø
Ø3		SAFI-PROC-OUTPUT		A/N	X(1)			11	11
Ø3		SAFI-PROC-FIELD-SELECT		A/N	X(1)			12	12
Ø3		FILLER		A/N	X(68)			13	8Ø

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :	DATE: 12/8/76	EXHIBIT: WAQC.21Ø
	RECORD TYPE: FIXED	PAGE: 1 OF 2
	RECORD SIZE: 8Ø	
		RECORD ACCESS KEY:
INPUT TO SUBSYSTEM (S) : Water Quality Compliance		SAFI-DELT-KEY
FILE NAME: Sample Analysis Input File	FILE ID: SAFI	RECORD NAME: SAFI-DELT-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Sample Analysis Input File	FILE ID: SAFI	RECORD NAME: SAFI-DELT-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
Ø1		SAFI-DELT-RECORD	Grp					1	8Ø
Ø3		SAFI-DELT-KEY	Grp					1	26
Ø5		SAFI-DELT-PWS-ID		A/N	X(7)			1	7
Ø5		SAFI-DELT-TRANSACTION-CODE		A/N	X(2)			8	9
Ø5		SAFI-DELT-CONTAMINANT_ID		A/N	X(4)			1Ø	13
Ø5		SAFI-DELT-ANAYLSIS-METHOD		A/N	X(3)			14	16
Ø5		SAFI-DELT-SAMPLE-KEY		A/N	X(1Ø)			17	26
Ø3		FILLER		A/N	X(54)			27	8Ø

EXHIBIT NO. 211

has been intentionally left out.

NOTES

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :	DATE: 12-10-76	EXHIBIT: WAQC.212
	RECORD TYPE: Fixed RECORD SIZE: 80	PAGE: 1 OF 2
	RECORD ACCESS KEY: VIFI-SORT-RECORD	
INPUT TO SUBSYSTEM (S) : Water Quality Compliance		
FILE NAME: Processing Options	FILE ID: VIFI	RECORD NAME: VIFI-SORT-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Processing Options	FILE ID: VIFI	RECORD NAME: VIFI-SORT-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		VIFI-SORT-RECORD	GRP					1	80
03		VIFI-SORT-ID		A/N	X(4)			1	4
03		VIFI-SORT-INFO	GRP			5		5	69
05		VIFI-SORT-SEQUENCE		A/N	X(2)				
05		VIFI-SORT-MNEMONIC		A/N	X(10)				
05		VIFI-SORT-MODE		A/N	X(1)				
03		FILLER		A/N	X(11)			70	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) : Water Quality Compliance	DATE: 12-20-76	EXHIBIT: WAQC.213
	RECORD TYPE: Fixed RECORD SIZE: 203	PAGE: 1 OF 2
	RECORD ACCESS KEY: VIFI-H-R-ID	
INPUT TO SUBSYSTEM (S) : Water Quality Compliance		
FILE NAME: Violations File / FILE ID: VIFI		RECORD NAME: VIFI-HEDR-REPT-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Violations File	FILE ID: VIFI	RECORD NAME: VIFI-HEDR-REPT-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		VIFI-HEDR-REPT-RECORD	GRP					1	203
03		VIFI-H-R-ID		A/N	X(4)			1	4
03		VIFI-H-R-DATE		A/N	X(6)			5	10
03		VIFI-H-R-COMPL-CYCLE		N	9(2)			11	12
03		VIFI-H-R-FROM-DATE		A/N	X(6)			13	18
03		VIFI-H-R-UNTIL-DATE		A/N	X(6)			19	24
03		FILLER		A/N	X(179)			25	203

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :	DATE: 12/14/76	EXHIBIT: WAQC.214
	RECORD TYPE: Fixed	PAGE: 1 OF 2
	RECORD SIZE: 80	
	RECORD ACCESS KEY: PSFI-PROC-ID	
INPUT TO SUBSYSTEM (S) : Water Quality Compliance		
FILE NAME: Periodic Sample Processing Options	FILE ID: PSFI	RECORD NAME: PSFI-PROC-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Periodic Sample Processing Options	FILE ID: PSFI	RECORD NAME: PSFI-PROC-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PSFI-PROC-RECORD	Grp					1	80
03		PSFI-PROC-ID		A/N	X(4)			1	4
03		PSFI-PROC-DATE		A/N	X(6)			5	10
03		FILLER		A/N	X(70)			11	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :	DATE: 12-14-76	EXHIBIT: WAQC.215
	RECORD TYPE: Fixed RECORD SIZE: 80	PAGE: 1 OF 2
	RECORD ACCESS KEY: SAFI-PROC-ID	
INPUT TO SUBSYSTEM (S) : Water Quality Compliance		
FILE NAME: Processing Options	FILE ID: SAFI	RECORD NAME: SAFI-PROC-PURGE-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Processing Options	FILE ID: SAFI	RECORD NAME: SAFI-PROC-PURGE-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		SAFI-PROC-PURGE-RECORD	GRP					1	80
03		SAFI-PROC-ID		A/N	X(4)			1	4
03		SAFI-PROC-CURRENT-DATE		A/N	X(6)			5	10
03		FILLER		A/N	X(3)			11	13
03		SAFI-PROC-PURGE-INFO	GRP			5		14	48
05		SAFI-PROC-PURGE-DATE		A/N	X(6)				
05		SAFI-PROC-CONT-IN		A/N	X(1)				
03		SAFI-PROC-REPORT-OPTION		A/N	X(1)			49	49
03		FILLER		A/N	X(31)			50	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Water Quality Compliance

INPUT TO SUBSYSTEM (S) :

Water Quality Compliance

DATE: 2-28-77

EXHIBIT: WAQC.216

RECORD TYPE: Fixed

RECORD SIZE: 203

PAGE: 1 OF 4

RECORD ACCESS KEY:

VIFI-M-PWS-ID
VIFI-M-VIOLATION-TYPE
VIFI-M-VIOLATION-DATE

FILE NAME: MCL Violations Records File

FILE ID: VIFI

RECORD NAME: VIFI-M-REPT-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME:	MCL Violations Records File	FILE ID:	VIFI	RECORD NAME:	VIFI-M-REPT-RECORD	PAGE:	2 OF 4

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		VIFI-M-REPT-RECORD	GRP					1	203
03	VI-PWS-ID	VIFI-M-PWS-ID		A/N	X(7)			1	7
03	VI-PWS-NAM	VIFI-M-PWS-NAME		A/N	X(30)			8	37
03	VI-PWS-TYP	VIFI-M-PWS-TYPE		A/N	X(1)			38	38
03	VI-POPULAT	VIFI-M-POPULATION		A/N	X(9)			39	47
03	VI-RES-LVL	VIFI-M-REGULATION-LEVEL		A/N	X(2)			48	49
03	VI-CONT-ID	VIFI-M-CONTAMINANT-ID		A/N	X(4)			50	53
03	VI-SAC-CD	VIFI-M-SOURCE-CODE		A/N	X(1)			54	54
03	VI-LAB-ID	VIFI-M-LAB-ID		A/N	X(5)			55	59
03	VI-LAB-NAME	VIFI-M-LAB-NAME		A/N	X(30)			60	89
03	VI-SPLDATE	VIFI-M-SAMPLE-DATE		N	9(5)			90	94
03		FILLER		A/N	X(8)			95	102
03	VI-AN-METH	VIFI-M-ANALYSIS-METHOD		A/N	X(3)			103	105
03	VI-AN-RESL	VIFI-M-ANALYSIS-RESULT		N	9(5)			106	110

NOTE: Mnemonies apply to data elements on the Violations File (VIF)

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: MCL Violations Records File	FILE ID: VIFI	RECORD NAME: VIFI-M-REPT-RECORD	PAGE: 3 OF 4

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03	VI-AN-DEC	VIFI-M-ANALYSIS-DECIMALS		N	9(1)			111	111
03	VI-ANDATE	VIFI-M-ANALYSIS-DATE		N	9(5)			112	116
03		FILLER		A/N	X(5)			117	121
03	VI-VIOL-TP	VIFI-M-VIOLATION-TYPE		A/N	X(2)			122	123
03	VI-VIOL-DT	VIFI-M-VIOLATION-DATE		N	9(5)			124	128
03	VI-MCLVIOL	VIFI-M-MCL-VIOLATED		N	9(5)			129	133
03	VI-MCLDEC	VIFI-M-MCL-VIOL-DECIMALS		N	9(1)			134	134
03		FILLER		A/N	X(7)			135	141
03	VI-VIOL-DUR	VIFI-M-VIOLATION-DURATION		N	9(2)			142	143
03	VI-NOTIPUB	VIFI-M-NOTIFY-PUBLIC		A/N	X(1)			144	144
03	VI-NOTISTA	VIFI-M-NOTIFY-STATE		A/N	X(1)			145	145
03	VI-REGION	VIFI-M-REGION		A/N	X(2)			146	147
03	VI-DISTRIC	VIFI-M-DISTRICT		A/N	X(2)			148	149
03	VI-SPLTYPE	VIFI-M-SAMPLE-TYPE		A/N	X(1)			150	150

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: MCL Violations Records File	FILE ID: VIFI	RECORD NAME: VIFI-M-REPT-RECORD	PAGE: 4 OF 4

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03		FILLER		A/N	X(17)			151	167
03		VIFI-M-CONTAMINANT-NAME		A/N	X(30)			168	197
03		FILLER		A/N	X(6)			198	203

EXHIBIT NO. WAQC.217

has been intentionally left out.

NOTES

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :	DATE: 2-9-77	EXHIBIT: WAQC.218
	RECORD TYPE: Fixed RECORD SIZE: 80	PAGE: 1 OF 2
	RECORD ACCESS KEY: SAFI-PROC-ID	
INPUT TO SUBSYSTEM (S) : Water Quality Compliance		
FILE NAME: Processing Options / FILE ID: SAFI		RECORD NAME: SAFI-PROC-COMP-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Processing Options	FILE ID: SAFI	RECORD NAME: SAFI-PROC-COMP-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		SAFI-PROC-COMP-RECORD	GRP					1	80
03		SAFI-PROC-ID		A/N	X(4)			1	4
03		SAFI-PROC-DATE		A/N	X(6)			5	10
03		SAFI-PROC-LAG		A/N	X(2)			11	12
03		SAFI-PROC-COMPL-CYCLE		A/N	X(2)			13	14
03		SAFI-PROC-AIR-TEMP		A/N	X(3)			15	17
03		SAFI-PROC-UNITS		A/N	X(1)			18	18
03		SAFI-PROC-SEASON-START		A/N	X(6)			19	24
03		SAFI-PROC-SEASON-END		A/N	X(6)			25	30
03		SAFI-PROC-OPERATION-REPORT		A/N	X(4)			31	34
03		FILLER		A/N	X(46)			35	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) : Water Quality Compliance	**DATE:** 2-22-77 **EXHIBIT:** WAQC.219	
	RECORD TYPE: Fixed **RECORD SIZE:** 154	**PAGE:** 1 OF 2
INPUT TO SUBSYSTEM (S) : Water Quality Compliance	**RECORD ACCESS KEY:** SAFI-SORT-LOW-VALUES	
FILE NAME: Contaminant Schedule File (Temporary)	**FILE ID:** SAFI	**RECORD NAME:** SAFI-HEDR-SCHED-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME:	Contaminant Schedule File	FILE ID:	SAFI	RECORD NAME:	SAFI-HEDR-SCHED-RECORD	PAGE:	2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		SAFI-HEDR-SCHED-RECORD	GRP					1	154
03		SAFI-SORT-LOW-VALUES		A/N	X(112)			1	112
03		SAFI-H-S-REPORT-FLAGS	GRP					113	116
05		SAFI-H-S-SCHED-REPORT		A/N	X(1)			113	113
05		SAFI-H-S-SAMPLE-FORMS		A/N	X(1)			114	114
05		SAFI-H-S-LIST-FORMS		A/N	X(1)			115	115
05		SAFI-H-S-SUMMARY-FORMS		A/N	X(1)			116	116
03		FILLER		A/N	X(18)			117	134
03		SAFI-H-S-SCHED-DATE		A/N	X(6)			135	140
03		FILLER		A/N	X(14)			141	154

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) : Water Quality Compliance		DATE: 2-22-77	EXHIBIT: WAQC.220
		RECORD TYPE: Fixed	PAGE: 1 OF 3
		RECORD SIZE: 154	
		RECORD ACCESS KEY: SAFI-S-PWS-ID	
INPUT TO SUBSYSTEM (S) : Water Quality Compliance			
FILE NAME: Contaminant Schedule File	FILE ID: SAFI Temporary	RECORD NAME: SAFI-SCHED-RECORD	

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Contaminant Schedule File	FILE ID: SAFI	RECORD NAME: SAFI-SCHED-RECORD	PAGE: 2 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		SAFI-SCHED-RECORD	GRP					1	154
03		SAFI-S-PWS-ID		A/N	X(7)			1	7
03		SAFI-S-MAILING-ADDRESS	GRP					8	104
05		SAFI-S-MAILING-NAME		A/N	X(30)			8	37
05		SAFI-S-MAILING-STREET		A/N	X(30)			38	67
05		SAFI-S-MAILING-CITY		A/N	X(30)			68	97
05		SAFI-S-MAILING-STATE		A/N	X(2)			98	99
05		SAFI-S-MAILING-ZIP-CODE		A/N	X(5)			100	104
03		SAFI-S-PWS-REGION		A/N	X(2)			105	106
03		SAFI-S-PWS-DISTRICT		A/N	X(2)			107	108
03		SAFI-S-PWS-POPULATION		A/N	X(9)			109	117
03		SAFI-S-PWS-TYPE		A/N	X(1)			118	118
03		SAFI-S-TRANSACTION-CODE		A/N	X(2)			119	120
03		SAFI-S-CONTAMINANT-ID		A/N	X(4)			121	124

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Contaminant Schedule File	FILE ID: SAFI	RECORD NAME: SAFI-SCHED-RECORD	PAGE: 3 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03		SAFI-S-CONTAM-NAME		A/N	X(15)			125	139
03		SAFI-S-SAMPLE-PERIOD-START		A/N	X(6)			140	145
03		SAFI-S-SAMPLE-PERIOD-END		A/N	X(6)			146	151
03		SAFI-S-NUMBER-SAMPLES		N	9(3)			152	154

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) : Water Quality Compliance	DATE: 2-20-77	EXHIBIT: WAQC.221
	RECORD TYPE: Fixed RECORD SIZE: 215	PAGE: 1 OF 2
	RECORD ACCESS KEY: SAFI-HC-ID	
INPUT TO SUBSYSTEM (S) : Water Quality Compliance		
FILE NAME: Sample Analysis File	FILE ID: SAFI	RECORD NAME: SAFI-HEDR-COMP-RECORD

Temporary

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MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Sample Analysis File	FILE ID: SAFI	RECORD NAME: SAFI-HEDR-COMP-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		SAFI-HEDR-COMP-RECORD	GRP					1	215
03		SAFI-HC-ID		A/N	X(4)			1	4
03		SAFI-HC-DATE		A/N	X(6)			5	10
03		SAFI-HC-LAG		A/N	X(2)			11	12
03		SAFI-HC-COMPL-CYCLE		A/N	X(2)			13	14
03		SAFI-HC-AIR-TEMP		A/N	X(3)			15	17
03		SAFI-HC-UNITS		A/N	X(1)			18	18
03		SAFI-HC-SEASON-START		A/N	X(6)			19	24
03		SAFI-HC-SEASON-END		A/N	X(6)			25	30
03		SAFI-HC-OPERATION-REPORT		A/N	X(4)			31	34
03		FILLER		A/N	X(181)			35	215

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :	DATE: 1-4-77	EXHIBIT: WAQC.222
	RECORD TYPE: Fixed RECORD SIZE: 80	PAGE: 1 OF 2
	RECORD ACCESS KEY: VIFI-PROC-ID	
INPUT TO SUBSYSTEM (S) : Water Quality Compliance		
FILE NAME: Processing Options / FILE ID: VIFI		RECORD NAME: VIFI-PROC-UPDT-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Processing Options	FILE ID: VIFI	RECORD NAME: VIFI-PROC-UPDT-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		VIFI-PROC-UPDT-RECORD	GRP					1	80
03		VIFI-PROC-ID		A/N	X(4)			1	4
03		VIFI-PROC-DATE		A/N	X(6)			5	10
03		VIFI-PROC-OUTPUT		A/N	X(1)			11	11
03		VIFI-PROC-FIELD-SELECT		A/N	X(1)			12	12
03		VIFI-PROC-SHF-RECORD		A/N	X(1)			13	13
03		FILLER		A/N	X(67)			14	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :	DATE: 1-4-77	EXHIBIT: WAQC.223	
	RECORD TYPE: Fixed	PAGE: 1 OF 2	
	RECORD SIZE: 80		
	RECORD ACCESS KEY: VIFI-TR00-TRANSACTION-CODE VIFI-TR00-VIOLATION-ID		
INPUT TO SUBSYSTEM (S) : Water Quality Compliance			
FILE NAME: Input Transactions	FILE ID: VIFI	RECORD NAME: VIFI-TR00-UPDT-RECORD	

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Input Transactions	FILE ID: VIFI	RECORD NAME: VIFI-TR00-UPDT-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		VIFI-TR00-UPDT-RECORD	GRP					1	80
03		VIFI-TR00-VIOLATION-ID		A/N	X(5)			1	5
03		VIFI-TR00-TRANSACTION-CODE		A/N	X(2)			6	7
03		VIFI-TR00-CREATE-DELETE-FLAG		A/N	X(1)			8	8
03		FILLER		A/N	X(72)			9	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :	DATE: 1-4-77	EXHIBIT: WAQC.224
	RECORD TYPE: Fixed RECORD SIZE: 80	PAGE: 1 OF 3
	RECORD ACCESS KEY: VIFI-TR01-TRANSACTION-CODE VIFI-TR01-VIOLATION-ID	
INPUT TO SUBSYSTEM (S) : Water Quality Compliance		
FILE NAME: Input Transactions / FILE ID: VIFI		RECORD NAME: VIFI-TR01-UPDT-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Input Transactions	FILE ID: VIFI	RECORD NAME: VIFI-TR01-UPDT-RECORD	PAGE: 2 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		VIFI-TR01-UPDT-RECORD	GRP					1	80
03		VIFI-TR01-VIOLATION-ID		A/N	X(5)			1	5
03		VIFI-TR01-TRANSACTION-CODE		A/N	X(2)			6	7
03		VIFI-TR01-PWS-ID		A/N	X(7)			8	14
03		VIFI-TR01-REGULATION-LEVEL		A/N	X(2)			15	16
03		VIFI-TR01-CONTAMINANT-ID		A/N	X(4)			17	20
03		VIFI-TR01-LAB-ID		A/N	X(5)			21	25
03		VIFI-TR01-SAMPLE-DATE		A/N	X(6)			26	31
03		VIFI-TR01-SAMPLES-NUM-REQUIRED		A/N	X(4)			32	35
03		VIFI-TR01-SAMPLES-NUM-TAKEN		A/N	X(4)			36	39
03		VIFI-TR01-ANALYSIS-METHOD		A/N	X(3)			40	42
03		VIFI-TR01-ANALYSIS-RESULT		A/N	X(5)			43	47
03		VIFI-TR01-ANALYSIS-DECIMALS		A/N	X(1)			48	48
03		VIFI-TR01-ANALYSIS-DATE		A/N	X(6)			49	54

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Input Transactions	FILE ID: VIFI	RECORD NAME: VIFI-TR01-UPDT-RECORD	PAGE: 3 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03		VIFI-TR01-SAMPLING-CUTOFF-DT		A/N	X(6)			55	60
03		FILLER		A/N	X(20)			21	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :	DATE: 1-10-77	EXHIBIT: WAQC.225
	RECORD TYPE: Fixed	PAGE: 1 OF 3
	RECORD SIZE: 80	
	RECORD ACCESS KEY: VIFI-TR02-TRANSACTION-CODE VIFI-TR02-VIOLATION-ID	
INPUT TO SUBSYSTEM (S) : Water Quality Compliance		
FILE NAME: Input Transactions	FILE ID: VIFI	RECORD NAME: VIFI-TR02-UPDT-RECORD

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MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Input Transactions	FILE ID: VIFI	RECORD NAME: VIFI-TR02-UPDT-RECORD	PAGE: 2 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		VIFI-TR02-UPDT-RECORD	GRP					1	80
03		VIFI-TR02-VIOLATION-ID		A/N	X(5)			1	5
03		VIFI-TR02-TRANSACTION-CODE		A/N	X(2)			6	7
03		VIFI-TR02-VIOLATION-TYPE		A/N	X(2)			8	9
03		VIFI-TR02-VIOLATION-DATE		A/N	X(6)			10	15
03		VIFI-TR02-MCL-VIOLATED		A/N	X(5)			16	20
03		VIFI-TR02-MCL-VIOL-DECIMALS		A/N	X(1)			21	21
03		VIFI-TR02-SAMPLING-FREQ-VIOL		A/N	X(3)			22	24
03		VIFI-TR02-NUM-SAMPLES-VIOL		A/N	X(4)			25	28
03		VIFI-TR02-VIOLATION-DURATION		A/N	X(2)			29	30
03		VIFI-TR02-NOTIFY-PUBLIC		A/N	X(1)			31	31
03		VIFI-TR02-NOTIFY-STATE		A/N	X(1)			32	32
03		VIFI-TR02-SAMPLE-TYPE		A/N	X(1)			33	33
03		VIFI-TR02-SAMPLE-KEY		A/N	X(10)			34	43

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Input Transactions	FILE ID: VIFI	RECORD NAME: VIFI-TR02-UPDT-RECORD	PAGE: 3 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03		VIFI-TR02-DATE-LAST-REPORT		A/N	X(6)			44	49
03		VIFI-TR02-TIME-SINCE-REPORT		A/N	X(2)			50	51
03		VIFI-TR02-REMARK		A/N	X(25)			52	76
03		FILLER		A/N	X(4)			77	80

EXHIBIT NO.'s WAQC.226 and 227

have been intentionally left out.

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NOTES

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) : Water Quality Compliance	DATE: 2-21-77	EXHIBIT: WAQC.228
	RECORD TYPE: Fixed	PAGE: 1 OF 2
	RECORD SIZE: 214	
	RECORD ACCESS KEY: SAFI-H-R-ID	
INPUT TO SUBSYSTEM (S) : Chemical/Radiological/Bacteriological/ Temporary		
FILE NAME: Turbidity Select File	FILE ID: SAFI	RECORD NAME: SAFI-HEDR-REPT-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

Chemical/Radiological/Bacteriological/

FILE NAME:	Turbidity Select File	FILE ID:	SAFI	RECORD NAME:	SAFI-HEDR-REPT-RECORD	PAGE:	2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		SAFI-HEDR-REPT-RECORD	GRP					1	215
03		SAFI-H-R-ID		A/N	X(4)			1	4
03		SAFI-H-R-DATE		A/N	X(6)			5	10
03		FILLER		A/N	X(2)			11	12
03		SAFI-H-R-FROM-DATE		A/N	X(6)			13	18
03		SAFI-H-R-UNTIL-DATE		A/N	X(6)			19	24
03		SAFI-H-R-SUMMARY-LIST		A/N	X(1)			25	25
03		FILLER		A/N	X(190)			26	214

EXHIBIT NO.'s WAQC.229 and 230

have been intentionally left out.

NOTES

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

DATE: 2/11/77

EXHIBIT: WAQC.231

RECORD TYPE: Fixed

RECORD SIZE: 203

PAGE: 1 OF 4

RECORD ACCESS KEY:

VIFI-S-PWS-ID
VIFI-S-VIOLATION-TYPE
VIFI-S-VIOLATION-DATE

INPUT TO SUBSYSTEM (S) :

Water Quality Compliance

Sampling

FILE NAME: Violations Records File

FILE ID: VIFI

RECORD NAME: VIFI-S-REPT-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

Sampling

FILE NAME: Violations Records File	FILE ID: VIFI	RECORD NAME: VIFI-S-REPT-RECORD	PAGE: 2 OF 4

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		VIFI-S-REPT-RECORD	GRP					1	203
03	VI-PWS-ID	VIFI-S-PWS-ID		A/N	X(7)			1	7
03	VI-PWS-NAM	VIFI-S-PWS-NAME		A/N	X(30)			8	37
03	VI-PWS-TYP	VIFI-S-PWS-TYPE		A/N	X(1)			38	38
03	VI-POPULAT	VIFI-S-POPULATION		A/N	X(9)			39	47
03	VI-REG-LVL	VIFI-S-REGULATION-LEVEL		A/N	X(2)			48	49
03	VI-CONT-ID	VIFI-S-CONTAMINANT-ID		A/N	X(4)			50	53
03	VI-SRC-CD	VIFI-S-SOURCE-CODE		A/N	X(1)			54	54
03	VI-LAB-ID	VIFI-S-LAB-ID		A/N	X(5)			55	59
03	VI-LAB-NAM	VIFI-S-LAB-NAME		A/N	X(30)			60	89
03	VI-SPLDATE	VIFI-S-SAMPLE-DATE		N	9(5)			90	94
03	VI-SPLREQD	VIFI-S-SAMPLES-NUM-REQUIRED		N	9(4)			95	98
03	VI-SPLTAKN	VIFI-S-SAMPLES-NUM-TAKEN		N	9(4)			99	102
03		FILLER		A/N	X(14)			103	116

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

Sampling

FILE NAME: Violations Records File	FILE ID: VIFI	RECORD NAME: VIFI-S-REPT-RECORD	PAGE: 3 OF 4

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03	VI-SAMPLCT	VIFI-S-SAMPLING-CUTOFF-DATE		N	9(5)			117	121
03	VI-VIOL-TP	VIFI-S-VIOLATION-TYPE		A/N	X(2)			122	123
03	VI-VIOL-DT	VIFI-S-VIOLATION-DATE		N	9(5)			124	128
03		FILLER		A/N	X(6)			129	134
03	VI-SPLVIOL	VIFI-S-SAMPLING-FREQ-VIOL		N	9(3)			135	137
03		FILLER		A/N	X(4)			138	141
03	VI-VIOL-DUR	VIFI-S-VIOLATION-DURATION		N	9(2)			142	143
03	VI-NOTIPUB	VIFI-S-NOTIFY-PUBLIC		A/N	X(1)			144	144
03	VI-NOTISTA	VIFI-S-NOTIFY-STATE		A/N	X(1)			145	145
03	VI-REGION	VIFI-S-REGION		A/N	X(2)			146	147
03	VI-DISTRIC	VIFI-S-DISTRICT		A/N	X(2)			148	149
03	VI-SPLTYPE	VIFI-S-SAMPLE-TYPE		A/N	X(1)			150	150
03		FILLER		A/N	X(17)			151	167
03	VI-CONT-NAME	VIFI-S-CONTAMINANT-NAME		A/N	X(30)			168	197

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

Sampling

FILE NAME: Violations Records File	FILE ID: VIFI	RECORD NAME: VIFI-S-REPT-RECORD	PAGE: 4 OF 4

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03		FILLER		A/N	X(6)			198	203

NOTE: These Mnemonic Names refer to those of the Violations File (VIF).

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Water Quality Compliance

DATE: 2-11-77

EXHIBIT: WAQC.232

RECORD TYPE: Fixed

RECORD SIZE: 203

PAGE: 1 OF 2

RECORD ACCESS KEY:

VIFI-R-PWS-ID

INPUT TO SUBSYSTEM (S) :

Water Quality Compliance

Temporary

FILE NAME: Operation Report Violations

FILE ID: VIFI

RECORD NAME: VIFI-R-REPT-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Operation Report Violations	FILE ID: VIFI	RECORD NAME: VIFI-R-REPT-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		VIFI-R-REPT-RECORD	GRP					1	203
03	VI-PWS-ID	VIFI-R-PWS-ID		A/N	X(7)			1	7
03	VI-PWS-NAM	VIFI-R-PWS-NAME		A/N	X(30)			8	37
03	VI-PWS-TYP	VIFI-R-PWS-TYPE		A/N	X(1)			38	38
03	VI-POPULAT	VIFI-R-POPULATION		A/N	X(9)			39	47
03		FILLER		A/N	X(6)			48	53
03	VI-SRC-CD	VIFI-R-SOURCE-CODE		A/N	X(1)			54	54
03		FILLER		A/N	X(91)			55	145
03	VI-REGION	VIFI-R-REGION		A/N	X(2)			146	147
03	VI-DISTRIC	VIFI-R-DISTRICT		A/N	X(2)			148	149
03		FILLER		A/N	X(11)			150	160
03	VI-DT-RPT	VIFI-R-DATE-LAST-REPORT		N	9(5)			161	165
03	VI-LST-RPT	VIFI-R-TIME-SINCE-LAST-REPORT		A/N	X(2)			166	167
03		FILLER		A/N	X(36)			168	203

NOTE: MNEMONICS refer to the mnemonics of the Violations File (VIF).

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) : Water Quality Compliance	DATE: 1-28-77	EXHIBIT: WAQC.233
	RECORD TYPE: Fixed	PAGE: 1 OF 3
	RECORD SIZE: 80	
	RECORD ACCESS KEY: SAFI-PROC-ID	
INPUT TO SUBSYSTEM (S) : Water Quality Compliance		
FILE NAME: Processing Options	FILE ID: SAFI Temporary	RECORD NAME: SAFI-PROC-SELECT-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Processing Options	FILE ID: SAFI	RECORD NAME: SAFI-PROC-SELECT-RECORD	PAGE: 2 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		SAFI-PROC-SELECT-RECORD	GRP					1	80
03		SAFI-PROC-ID		A/N	X(4)			1	4
03		SAFI-CURRENT-DATE		A/N	X(6)			5	10
03		FILLER		A/N	X(3)			11	13
03		SAFI-FROM-DATE		A/N	X(6)			14	19
03		SAFI-TO-DATE		A/N	X(6)			20	25
03		SAFI-CONTAMINANT-GROUP	GRP					26	30
05		SAFI-GROUP-0		A/N	X(1)			26	26
05		SAFI-GROUP-1		A/N	X(1)			27	27
05		SAFI-GROUP-2		A/N	X(1)			28	28
05		SAFI-GROUP-3		A/N	X(1)			29	29
05		SAFI-GROUP-4		A/N	X(1)			30	30
03		SAFI-SUMMARY-LIST-CHEM		A/N	X(1)			31	31
03		SAFI-SUMMARY-LIST-RAD		A/N	X(1)			32	32

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Processing Options	FILE ID: SAFI	RECORD NAME: SAFI-PROC-SELECT-RECORD	PAGE: 3 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03		Filler		A/N	X(48)			33	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) : Water Quality Compliance	DATE: 2-21-77 EXHIBIT: WAQC.234	
	RECORD TYPE: Fixed RECORD SIZE: 215	PAGE: 1 OF 5
	RECORD ACCESS KEY: SAFI-D-RECORD-KEY	
INPUT TO SUBSYSTEM (S) : Water Quality Compliance Chemical/Radiological Temporary		
FILE NAME: Analysis Select File	FILE ID: SAFI	RECORD NAME: SAFI-D-REPT-RECORD

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MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

Chemical/Radiological

FILE NAME:	Analysis Select File	FILE ID:	SAFI	RECORD NAME:	SAFI-D-REPT-RECORD	PAGE:	2 OF 5

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01	SA-RECORD	SAFI-D-REPT-RECORD	GRP					1	215
03	SA-REC-KEY	SAFI-D-RECORD-KEY	GRP					1	37
05	SA-PWS-ID	SAFI-D-PWS-ID		A/N	X(7)			1	7
05		FILLER		A/N	X(2)			8	9
05	SA-CONID	SAFI-D-CONTAMINANT-ID		A/N	X(4)			10	13
05		FILLER		A/N	X(3)			14	16
05	SA-SAMPLTP	SAFI-D-SAMPLE-TYPE		A/N	X(1)			17	17
05	SA-SAMPLDT	SAFI-D-SAMPLE-DATE		N	9(5)			18	22
05		FILLER		A/N	X(4)			23	26
05	SA-SAMPLKY	SAFI-D-SAMPLE-KEY		A/N	X(10)			27	36
05		FILLER		A/N	X(1)			37	37
03	SA-PWS-TYP	SAFI-D-PWS-TYPE		A/N	X(1)			38	38
03	SA-POP-SRV	SAFI-D-POPULATION-SERVED		A/N	X(9)			39	47
03	SA-SOURCE	SAFI-D-SOURCE-CODE		A/N	X(1)			48	48

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

Chemical/Radiological

FILE NAME:	Analysis Select File	FILE ID:	SAFI	RECORD NAME:	SAFI-D-REPT-RECORD	PAGE:	3	OF	5

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03	SA-AN-METH	SAFI-D-ANALYSIS-METHOD		A/N	X(3)			49	51
03	SA-LAB-ID	SAFI-D-LAB-ID		A/N	X(5)			52	56
03		FILLER		A/N	X(1)			57	57
03		SAFI-D-DETL-ANALYSIS	GRP					58	63
05	SA-D-ANRSL	SAFI-D-DETL-ANALYSIS-RESULT		N	9(5)			58	62
05	SA-D-ANDEC	SAFI-D-DETL-ANALYSIS-DECIMALS		N	9(1)			63	63
05		FILLER		A/N	X(5)			64	68
03		FILLER		A/N	X(15)			69	83
03		SAFI-D-NUM-SAMPLES	GRP					84	89
05		FILLER		A/N	X(3)			84	86
05	SA-ACT-SPL	SAFI-D-ACTUAL-NUM-SAMPLES		N	9(3)			87	89
03		SAFI-D-SAMPLE-PERIOD	GRP					90	99
05	SA-PRD-STR	SAFI-D-SAMPLE-PERIOD-START		N	9(5)			90	94
05	SA-PRD-END	SAFI-D-SAMPLE-PERIOD-END		N	9(5)			95	99

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

Chemical/Radiological

FILE NAME: Analysis Select File	FILE ID: SAFI	RECORD NAME: SAFI-D-REPT-RECORD	PAGE: 4 OF 5

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03		FILLER		A/N	X(29)			100	128
03		SAFI-D-NUMBER-VIOLATIONS	GRP					129	139
05	SA-FED-VIO	SAFI-D-FEDERAL-VIOLATIONS		N	9(4)			129	132
05	SA-STA-VIO	SAFI-D-STATE-VIOLATIONS		N	9(4)			133	136
03	SA-VIO-DUR	SAFI-D-VIOLATION-DURATION		N	9(3)			137	139
03		FILLER		A/N	X(4)			140	143
03	SA-REGION	SAFI-D-REGION		A/N	X(2)			144	145
03	SA-DISTRIC	SAFI-D-DISTRICT		A/N	X(2)			146	147
03		SAFI-D-PWS-NAME		A/N	X(30)			148	177
03		SAFI-D-CONTAMINANT-NAME		A/N	X(15)			178	192
03		SAFI-D-MCL-VIOLATION-DATA	GRP					193	210
05		FILLER		A/N	X(1)			193	193
05		SAFI-D-MCL-VIOL-FED-DATA	GRP					194	199
07	SA-MCLFVL	SAFI-D-MCL-VIOL-F-VALUE		N	9(5)			194	198

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

Chemical/Radiological

FILE NAME: Analysis Select File	FILE ID: SAFI	RECORD NAME: SAFI-D-REPT-RECORD	PAGE: 5 OF 5

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
07	SA-MCLVFDC	SAFI-D-MCL-VIOL-F-DECIMALS		N	9(1)			199	199
05	SA-MCLVSTR	SAFI-D-MCL-VIOL-STATE-DATA	GRP					200	210
07	SA-MCLVSVL	SAFI-D-MCL-VIOL-S-VALUE		N	9(5)			200	204
07	SA-MCLVSDC	SAFI-D-MCL-VIOL-S-DECIMALS		N	9(1)			205	205
05		FILLER		A/N	X(5)			206	210
03		FILLER		A/N	X(5)			211	215

NOTE: MNEMONIC NAMES refer to those in the Sample Analysis File (SAF).

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) : Water Quality Compliance	DATE: 2-21-77 RECORD TYPE: Fixed RECORD SIZE: 215	EXHIBIT: WAQC.235 PAGE: 1 OF 5
INPUT TO SUBSYSTEM (S) : Water Quality Compliance Bacteriological/Turbidity Temporary	RECORD ACCESS KEY: SAFI-S-RECORD-KEY	
FILE NAME: Analysis Select File	FILE ID: SAFI	RECORD NAME: SAFI-S-REPT-RECORD

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MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

Bacteriological/Turbidity

FILE NAME:	Sample Analysis File	FILE ID:	SAFI	RECORD NAME:	SAFI-S-REPT-RECORD	PAGE:	2 OF 5

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01	SA-RECORD	SAFI-S-REPT-RECORD	GRP					1	215
03	SA-REC-KEY	SAFI-S-RECORD-KEY	GRP					1	37
05	SA-PWS-ID	SAFI-S-PWS-ID		A/N	X(7)			1	7
05		FILLER		A/N	X(2)			8	9
05	SA-CONID	SAFI-S-CONTAMINANT-ID		A/N	X(4)			10	13
05		FILLER		A/N	X(3)			14	16
05	SA-SAMPLTP	SAFI-S-SAMPLE-TYPE		A/N	X(1)			17	17
05	SA-SAMPLDT	SAFI-S-SAMPLE-DATE		N	9(5)			18	22
05		FILLER		A/N	X(4)			23	26
05	SA-SAMPLKY	SAFI-S-SAMPLE-KEY		A/N	X(10)			27	36
05	SA-RECDTYP	SAFI-S-RECORD-TYPE		A/N	X(1)			37	37
03	SA-PWS-TYPE	SAFI-S-PWS-TYPE		A/N	X(1)			38	38
03	SA-POP-SRV	SAFI-S-POPULATION-SERVED		A/N	X(9)			39	47
03	SA-SOURCE	SAFI-S-SOURCE-CODE		A/N	X(1)			48	48

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

Bacteriological/Turbidity

FILE NAME: Sample Analysis File	FILE ID: SAFI	RECORD NAME: SAFI-S-REPT-RECORD	PAGE: 3 OF 5

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03	SA-AN-METH	SAFI-S-ANALYSIS-METHOD		A/N	X(3)			49	51
03	SA-LAB-ID	SAFI-S-LAB-ID		A/N	X(5)			52	56
03		FILLER		A/N	X(1)			57	57
03	SA-D-ANLYS	SAFI-S-DETL-ANALYSIS	GRP					58	68
05	SA-D-ANRSL	SAFI-S-DETL-ANALYSIS-RESULT		N	9(5)			58	62
05	SA-D-ANDEC	SAFI-S-DETL-ANALYSIS-DECIMALS		N	9(1)			63	63
05		FILLER		A/N	X(5)			64	68
03	SA-S-ANLYS	SAFI-S-SUMM-ANALYSIS	GRP					69	83
05	SA-S-HIRSL	SAFI-S-SUMM-HIGHEST-RESULT		N	9(4)			69	72
05	SA-S-HIDEC	SAFI-S-SUMM-HIGH-DECIMALS		N	9(1)			73	73
05	SA-S-LORSL	SAFI-S-SUMM-LOWEST-RESULT		N	9(4)			74	77
05	SA-S-LODEC	SAFI-S-SUMM-LOW-DECIMALS		N	9(1)			78	78
05	SA-S-MNRSL	SAFI-S-SUMM-MEAN-RESULT		N	9(4)			79	82
05	SA-S-MNDEC	SAFI-S-SUMM-MEAN-DECIMALS		N	9(1)			83	83

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

Bacteriological/Turbidity

FILE NAME:	Sample Analysis File	FILE ID:	SAFI	RECORD NAME:	SAFI-S-REPT-RECORD	PAGE:	4 OF 5

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03	SA-NUM-SPL	SAFI-S-NUM-SAMPLES	GRP					84	89
05		FILLER		N	X(3)			84	86
05	SA-ACT-SPL	SAFI-S-ACTUAL-NUM-SAMPLES		N	9(3)			87	89
03	SA-SPL-PRD	SAFI-S-SAMPLE-PERIOD	GRP					90	99
05	SA-PRD-STR	SAFI-S-SAMPLE-PERIOD-START		N	9(5)			90	94
05	SA-PRD-END	SAFI-S-SAMPLE-PERIOD-END		N	9(5)			95	99
03		FILLER		A/N	X(29)			100	128
03	SA-NUM-VIO	SAFI-S-NUMBER-VIOLATIONS	GRP					129	136
05	SA-FED-VIO	SAFI-S-FEDERAL-VIOLATIONS		N	9(4)			129	132
05	SA-STA-VIO	SAFI-S-STATE-VIOLATIONS		N	9(4)			133	136
03	SA-VIO-DUR	SAFI-S-VIOLATION-DURATION		N	9(3)			137	139
03		FILLER		A/N	X(4)			140	143
03	SA-REGION	SAFI-S-REGION		A/N	X(2)			144	145
03	SA-DISTRIC	SAFI-S-DISTRICT		A/N	X(2)			146	147

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

Bacteriological/Turbidity

FILE NAME:	Sample Analysis File	FILE ID:	SAFI	RECORD NAME:	SAFI-S-REPT-RECORD	PAGE:	5	OF	5

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03		SAFI-S-PWS-NAME		A/N	X(30)			148	177
03		SAFI-S-CONTAMINANT-NAME		A/N	X(15)			178	192
03	SA-MCLDATA	SAFI-S-MCL-VIOLATION-DATA	GRP					193	
05		FILLER		A/N	X(1)			193	193
05	SA-MCLVFED	SAFI-S-MCL-VIOL-FED-DATA	GRP					194	199
07	SA-MCLFVL	SAFI-S-MCL-VIOL-F-VALUE		N	9(5)			194	198
07	SA-MCLVFDC	SAFI-S-MCL-VIOL-F-DECIMALS		N	9(1)			199	199
05	SA-MCLVSTA	SAFI-S-MCL-VIOL-STATE-DATA	GRP					200	210
07	SA-MCLVSVL	SAFI-S-MCL-VIOL-S-VALUE		N	9(5)			200	204
07	SA-MCLVSDS	SAFI-S-MCL-VIOL-S-DECIMALS		N	9(1)			205	205
07		FILLER		A/N	X(5)			206	210
03		FILLER		A/N	X(5)			211	215

NOTE: MNEMONICS refer to those in the Sample Analysis File (SAF).

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :	DATE: 2-4-77	EXHIBIT: WAQC.236
	RECORD TYPE: Fixed RECORD SIZE: 80	PAGE: 1 OF 2
	RECORD ACCESS KEY: VIFI-PROC-ID	
INPUT TO SUBSYSTEM (S) : Water Quality Compliance		
FILE NAME: Processing Options	FILE ID: VIFI	RECORD NAME: VIFI-PROC-RECORD

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MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Processing Options	FILE ID: VIFI	RECORD NAME: VIFI-PROC-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		VIFI-PROC-RECORD	GRP					1	80
03		VIFI-PROC-ID		A/N	X(4)			1	4
03		VIFI-PROC-DATE		A/N	X(6)			5	10
03		FILLER		A/N	X(70)			11	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :		DATE: 2-4-77	EXHIBIT: WAQC.237
		RECORD TYPE: Fixed	PAGE: 1 OF 2
		RECORD SIZE: 80	
		RECORD ACCESS KEY: VIFI-SELECT-1-ID	
INPUT TO SUBSYSTEM (S) : Water Quality Compliance			
FILE NAME: Processing Options	FILE ID: VIFI	RECORD NAME: VIFI-SELECT-1-RECORD	

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Processing Options	FILE ID: VIFI	RECORD NAME: VIFI-SELECT-1-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		VIFI-SELECT-1-RECORD	GRP					1	80
03		VIFI-SELECT-1-ID		A/N	X(4)			1	4
03		VIFI-SELECT-1-MNEMONIC		A/N	X(10)			5	14
03		VIFI-SELECT-1-DE-VALUE		A/N	X(15)			15	29
03		VIFI-SELECT-1-DE-NO		A/N	X(2)			30	31
03		FILLER		A/N	X(49)			32	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :	DATE: 2-4-77	EXHIBIT: WAQC.238
	RECORD TYPE: Fixed	PAGE: 1 OF 2
	RECORD SIZE: 80	
	RECORD ACCESS KEY: VIFI-SELECT-2-ID	
INPUT TO SUBSYSTEM (S) : Water Quality Compliance		
FILE NAME: Processing Options	FILE ID: VIFI	RECORD NAME: VIFI-SELECT-2-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Processing Options	FILE ID: VIFI	RECORD NAME: VIFI-SELECT-2-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		VIFI-SELECT-2-RECORD	GRP					1	80
03		VIFI-SELECT-2-ID		A/N	X(4)			1	4
03		VIFI-SELECT-2-SYMBOL		A/N	X(2)	35		5	74
03		FILLER		A/N	X(6)			75	80

EXHIBIT NO. WAQC.239

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NOTES

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :	DATE: 2-22-77	EXHIBIT: WAQC.240
	RECORD TYPE: Fixed RECORD SIZE: 80	PAGE: 1 OF 2
	RECORD ACCESS KEY: SAFI-SELECT-1-ID	
INPUT TO SUBSYSTEM (S) : Water Quality Compliance		
FILE NAME: Processing Options Temporary	FILE ID: SAFI	RECORD NAME: SAFI-SELECT-1-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Processing Options	FILE ID: SAFI	RECORD NAME: SAFI-SELECT-1-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		SAFI-SELECT-1-RECORD	GRP					1	80
03		SAFI-SELECT-1-ID		A/N	X(4)			1	4
03		SAFI-SELECT-1-MNEMONIC		A/N	X(10)			5	14
03		SAFI-SELECT-1-DE-VALUE		A/N	X(15)			15	29
03		SAFI-SELECT-1-DE-NO		A/N	X(2)			30	31
03		FILLER		A/N	X(49)			32	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :		**DATE:** 2-22-77	**EXHIBIT:** WAQC.241
		RECORD TYPE: Fixed **RECORD SIZE:** 80	**PAGE:** 1 OF 2
		RECORD ACCESS KEY: SAFI-SELECT-2-ID	
INPUT TO SUBSYSTEM (S) : Water Quality Compliance			
FILE NAME: Processing Options Temporary	**FILE ID:** SAFI	**RECORD NAME:** SAFI-SELECT-2-RECORD	

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Processing Options	FILE ID: SAFI	RECORD NAME: SAFI-SELECT-2-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		SAFI-SELECT-2-RECORD	GRP					1	80
03		SAFI-SELECT-2-ID		A/N	X(4)			1	4
03		SAFI-SELECT-2-SYMBOL		A/N	X(2)	35		5	74
03		FILLER		A/N	X(6)			75	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) : Water Quality Compliance		**DATE:** 2-25-77	**EXHIBIT:** WAQC.242
		RECORD TYPE: Fixed **RECORD SIZE:** 113	**PAGE:** 1 OF 2
		RECORD ACCESS KEY: SAFI-C-PWS-ID	
INPUT TO SUBSYSTEM (S) : Water Quality Compliance Operations Report/ Temporary			
FILE NAME: Mailing Label File	**FILE ID:** SAFI	**RECORD NAME:** SAFI-CARD-LABEL-RECORD	

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

Operations Report/

FILE NAME: Mailing Label File	FILE ID: SAFI	RECORD NAME: SAFI-CARD-LABEL-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		SAFI-CARD-LABEL-RECORD	GRP					1	113
03		SAFI-C-PWS-ID		A/N	X(7)			1	7
03		SAFI-C-MAILING-ADDRESS	GRP					8	104
05		SAFI-C-MAILING-NAME		A/N	X(30)			8	37
05		SAFI-C-MAILING-STREET		A/N	X(30)			38	67
05		SAFI-C-MAILING-CITY		A/N	X(30)			68	97
05		SAFI-C-MAILING-STATE		A/N	X(2)			98	99
05		SAFI-C-MAILING-ZIP-CODE		A/N	X(5)			100	104
03		SAFI-C-DATE-NEW-REPORT		N	9(4)			105	108
03		SAFI-C-LABEL-FLAG		A/N	X(1)			109	109
03		SAFI-C-CARD-FLAG		A/N	X(1)			110	110
03		SAFI-C-NUMBER-LABELS		N	9(3)			111	113

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Water Quality Compliance

DATE: 2-25-77

EXHIBIT: WAQC.243

RECORD TYPE: Fixed

RECORD SIZE: 113

PAGE: 1 OF 2

RECORD ACCESS KEY:

SAFI-H-C-LOW-VALUES

INPUT TO SUBSYSTEM (S) :

Water Quality Compliance

Operations Report/ Temporary

FILE NAME: Mailing Label File

FILE ID: SAFI

RECORD NAME: SAFI-HEDR-CARD-LABEL-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

Operations Report/

FILE NAME: Mailing Label File	FILE ID: SAFI	RECORD NAME: SAFI-HEDR-CARD-LABEL-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		SAFI-HEDR-CARD-LABEL-RECORD	GRP					1	113
03		SAFI-H-C-LOW-VALUES		A/N	X(104)			1	104
03		SAFI-H-C-HEAD-DATE		A/N	X(6)			105	110
03		FILLER		A/N	X(2)			111	112
03		SAFI-H-C-PROCESS-INDICATOR		A/N	X(1)			113	113

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :	DATE: 3-4-77	EXHIBIT: WAQC.244
	RECORD TYPE: Fixed	PAGE: 1 OF 2
	RECORD SIZE: 80	
	RECORD ACCESS KEY: SAFI-PROC-ID	
INPUT TO SUBSYSTEM (S) : Water Quality Compliance		
FILE NAME: Processing Options	FILE ID: SAFI	RECORD NAME: SAFI-PROC-SCHED-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Processing Options	FILE ID: SAFI	RECORD NAME: SAFI-PROC-SCHED-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		SAFI-PROC-SCHED-RECORD	GRP					1	80
03		SAFI-PROC-REC	GRP					1	15
05		SAFI-PROC-ID		A/N	X(4)			1	4
05		SAFI-PROC-DATE		A/N	X(6)			5	10
05		SAFI-PROC-OUTPUT		A/N	X(1)			11	11
05		SAFI-PROC-FIELD-SELECT		A/N	X(1)			12	12
05		FILLER		A/N	X(1)			13	13
05		SAFI-PROC-RERUN		A/N	X(1)			14	14
05		SAFI-PROC-OPER-REPT		A/N	X(1)			15	15
03		FILLER		A/N	X(65)			16	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :	DATE: 3-4-77	EXHIBIT: WAQC.245
	RECORD TYPE: Fixed	PAGE: 1 OF 2
	RECORD SIZE: 80	
	RECORD ACCESS KEY: SAFI-O-S-PWS-ID	
INPUT TO SUBSYSTEM (S) : Water Quality Compliance		
FILE NAME: Scheduling Output Options	FILE ID: SAFI	RECORD NAME: SAFI-OPT-SCHED-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Scheduling Output Options	FILE ID: SAFI	RECORD NAME: SAFI-OPT-SCHED-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		SAFI-OPT-SCHED-RECORD	GRP					1	80
03		SAFI-O-S-PWS-ID		A/N	X(7)			1	7
03		SAFI-O-S-TURBIDITY		A/N	X(1)			8	8
03		SAFI-O-S-CHEMICAL		A/N	X(1)			9	9
03		SAFI-O-S-BACT		A/N	X(1)			10	10
03		SAFI-O-S-RADS-NATURAL		A/N	X(1)			11	11
03		SAFI-O-S-RADS-MAN-MADE		A/N	X(1)			12	12
03		SAFI-O-S-LABELS-OPTION		A/N	X(1)			13	13
03		SAFI-O-S-LABELS-NUMBER		A/N	X(2)			14	15
03		SAFI-O-S-RESCHED-CHEM		A/N	X(1)			16	16
03		SAFI-O-S-RESCHED-RADS		A/N	X(1)			17	17
03		FILLER		A/N	X(63)			18	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Water Quality Compliance

DATE: 3-11-77

EXHIBIT: WAQC.246

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 2

RECORD ACCESS KEY:

SAFI-RESTART-CARD-ID

INPUT TO SUBSYSTEM (S) :

Water Quality Compliance

Temporary

FILE NAME: Restart File

FILE ID: SAFI

RECORD NAME: SAFI-RESTART-CARD

401

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Restart File	FILE ID: SAFI	RECORD NAME: SAFI-RESTART-CARD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		SAFI-RESTART-CARD	GRP					1	80
03		SAFI-RESTART-CARD-ID		A/N	X(7)			1	7
03		SAFI-RESTART-PAGE-NUMBER		A/N	X(7)			8	14
03		FILLER		A/N	X(66)			15	80

EXHIBIT NO.'s WAQC.247 through 249

have been intentionally left out.

NOTES

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Water Quality Compliance

DATE: 10-28-76

EXHIBIT: WAQC.250

RECORD TYPE: Fixed

RECORD SIZE: 122

PAGE: 1 OF 2

RECORD ACCESS KEY:

LBT-ID
LBT-CONTAMINANT-GROUP

INPUT TO SUBSYSTEM (S) :

Water Quality Compliance
Public Water System Inventory

FILE NAME: Laboratory Table

FILE ID: LBT

RECORD NAME: LBT-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Laboratory Table	FILE ID: LBT	RECORD NAME: LBT-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		LBT-RECORD	GRP					1	122
03		LBT-KEY	GRP					1	6
05	LB-ID	LBT-LAB-ID	319	A/N	X(5)			1	5
05	LB-CONTGRP	LBT-CONTAMINANT-GROUP	320	A/N	X(1)			6	6
03	LB-OW-TYPE	LBT-OWNER-TYPE	321	A/N	X(1)			7	7
03	LB-NAME	LBT-LAB-NAME	322	A/N	X(30)			8	37
03	LB-EXP-DT	LBT-EXPIRATION-DATE	323	N	9(5)			38	42
03	LB-REL-REC	LBT-RELATIVE-RECORD	324	N	9(6)			43	48
03	LB-METHCNT	LBT-METHOD-COUNT	325	N	9(2)			49	50
03		LBT-ANALYSIS-METHOD-GRP	GRP					51	122
05	LB-METHOD	LBT-ANALYSIS-METHOD	820	A/N	X(3)	24		51	122

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) : Water Quality Compliance	**DATE:** 11-24-76 **EXHIBIT:** WAQC.251	
	RECORD TYPE: Fixed **RECORD SIZE:** 140	**PAGE:** 1 OF 2
INPUT TO SUBSYSTEM (S) : Water Quality Compliance	**RECORD ACCESS KEY:** PSF-HEADER-ID	
FILE NAME: Periodic Sample File **FILE ID:** PSF	**RECORD NAME:** PSF-HEADER-RECORD	

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Periodic Sample File	FILE ID: PSF	RECORD NAME: PSF-HEADER-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PSF-HEADER-RECORD	GRP					1	140
03		PSF-HEADER-ID		A/N	X(7)			1	7
03		PSF-HEADER-DATE		N	9(5)			8	12
03		PSF-HEADER-NUMBER		N	X(5)			13	17
03		FILLER		A/N	X(125)			18	140

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) : Water Quality Compliance	**DATE:** 12-17-76	**EXHIBIT:** WAQC.252	
	RECORD TYPE: Fixed	**PAGE:** 1 OF 5	
	RECORD SIZE: 142		
	RECORD ACCESS KEY: PSF-KEY		
INPUT TO SUBSYSTEM (S) : Water Quality Compliance			
FILE NAME: Periodic Sample File	**FILE ID:** PSF	**RECORD NAME:** PSF-RECORD	

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Periodic Sample File	FILE ID: PSF	RECORD NAME: PSF-RECORD	PAGE: 2 OF 5

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	AR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PSF-RECORD	GRP					1	142
03		PSF-KEY	GRP					1	37
05	PS-PWS-ID	PSF-PWS-ID	399	A/N	X(7)			1	7
05	PS-TRAN-CD	PSF-TRANSACTION-CODE	817	A/N	X(2)			8	9
05	PS-CONID	PSF-CONTAMINANT-ID	400*	A/N	X(4)			10	13
05	PS-SAMPLID	PSF-SAMPLE-ID-CODE	401	A/N	X(3)			14	16
05	PS-SAMPLTP PS-SMPLTP	PSF-SAMPLE-TYPE	402 900	A/N	X(1)			17	17
05	PS-SAMPLDT PS-SMPLDT	PSF-SAMPLE-DATE	403 901	N	9(5)			18	22
05	PS-SAMPLTM	PSF-SAMPLE-TIME	404	N	9(4)			23	26
05	PS-SAMPLKY	PSF-SAMPLE-KEY	405	A/N	X(10)			27	36
05	PS-RECDTYP	PSF-RECORD-TYPE	406	A/N	X(1)			37	37
03		FILLER		A/N	X(11)			38	48
03	PS-AN-METH	PSF-ANALYSIS-METHOD	407	A/N	X(3)			49	51
03	PS-LAB-ID PS-LB-ID	PSF-LAB-ID	408 902	A/N	X(5)			52	56

*See Data Element Dictionary: Appendix A

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Periodic Sample File	FILE ID: PSF	RECORD NAME: PSF-RECORD	PAGE: 3 OF 5

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03	PS-LAB-OWN	PSF-LAB-OWNER-TYPE	819	A/N	X(1)			57	57
03		PSF-DETL-ANALYSIS	GRP					58	68
05	PS-D-ANRSL	PSF-DETL-ANALYSIS-RESULT	409	N	9(5)			58	62
05	PS-D-ANDEC	PSF-DETL-ANALYSIS-DECIMALS	410	N	9(1)			63	63
05	PS-D-ANDTE	PSF-DETL-ANALYSIS-DATE	411	N	9(5)			64	68
03		PSF-SUMM-ANALYSIS	GRP					69	83
05	PS-S-HIRSL	PSF-SUMM-HIGHEST-RESULT	412	N	9(4)			69	72
05	PS-S-HIDEC	PSF-SUMM-HIGH-DECIMALS	413	N	9(1)			73	73
05	PS-S-LORSL	PSF-SUMM-LOWEST-RESULT	414	N	9(4)			74	77
05	PS-S-LODEC	PSF-SUMM-LOW-DECIMALS	415	N	9(1)			78	78
05	PS-S-MNRSL	PSF-SUMM-MEAN-RESULT	416	N	9(4)			79	82
05	PS-S-MNDEC	PSF-SUMM-MEAN-DECIMALS	417	N	9(1)			83	83
03		PSF-NUM-SAMPLES	GRP					84	89
05	PS-REQ-SPL	PSF-REQUIRED-NUM-SAMPLES	418	N	9(3)			84	86

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Periodic Sample File	FILE ID: PSF	RECORD NAME: PSF-RECORD	PAGE: 4 OF 5

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
05	PS-ACT-SPL	PSF-ACTUAL-NUM-SAMPLES	419	N	9(3)			87	89
03		PSF-SAMPLE-PERIOD	GRP					90	99
05	PS-PRD-STR	PSF-SAMPLE-PERIOD-START	420	N	9(5)			90	94
05	PS-PRD-END	PSF-SAMPLE-PERIOD-END	421	N	9(5)			95	99
03		FILLER		A/N	X(18)			100	117
03		PSF-CHECK-SAMPLES	GRP					118	122
05	PS-CHK-FED	PSF-CHECK-SAMPLE-FEDERAL	422	A/N	X(1)			118	118
05	PS-CHK-STA	PSF-CHECK-SAMPLE-STATE	423	A/N	X(1)			119	119
05	PS-CHK-NUM	PSF-CHECK-SAMPLE-NUMBER	424	N	9(3)			120	122
03		FILLER		A/N	X(6)			123	128
03		PSF-NUMBER-VIOLATIONS	GRP					129	136
05	PS-FED-VIO	PSF-FEDERAL-VIOLATIONS	425	N	9(4)			129	132
05	PS-STA-VIO	PSF-STATE-VIOLATIONS	426	N	9(4)			133	136
03	PS-VIO-DUR	PSF-VIOLATION-DURATION	427	N	9(3)			137	139

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Periodic Sample File	FILE ID: PSF	RECORD NAME: PSF-RECORD	PAGE: 5 OF 5

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03		PSF-NOTIFIED	GRP					140	142
05	PS-NOTIPUB	PSF-NOTIFIED-PUBLIC	428	A/N	X(1)			140	140
05	PS-NOTISTA	PSF-NOTIFIED-STATE	429	A/N	X(1)			141	141
03	PS-ERR-IND	PSF-ERROR-INDICATOR	818	A/N	X(1)			142	142

EXHIBIT NO. WAQC.253

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MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Water Quality Compliance

DATE: 1-4-77

EXHIBIT: WAQC.254

RECORD TYPE: Fixed

RECORD SIZE: 215

PAGE: 1 OF 7

RECORD ACCESS KEY:

SAF-RECORD-KEY

INPUT TO SUBSYSTEM (S) :

Water Quality Compliance

FILE NAME: Sample Analysis File

FILE ID: SAF

RECORD NAME: SAF-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Sample Analysis File	FILE ID: SAF	RECORD NAME: SAF-RECORD	PAGE: 2 OF 7

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		SAF-RECORD	GRP					1	215
03		SAF-RECORD-KEY	GRP					1	37
05	SA-PWS-ID	SAF-PWS-ID	356	A/N	X(7)			1	7
05		FILLER		A/N	X(2)			8	9
05	SA-CONID	SAF-CONTAMINANT-ID	357*	A/N	X(4)			10	13
05	SA-SAMPLID	SAF-SAMPLE-ID-CODE	358	A/N	X(3)			14	16
05	SA-SAMPLTP	SAF-SAMPLE-TYPE	359	A/N	X(1)			17	17
05	SA-SAMPLDT	SAF-SAMPLE-DATE	360	N	9(5)			18	22
05	SA-SAMPLTM	SAF-SAMPLE-TIME	361	N	9(4)			23	26
05	SA-SAMPLKY	SAF-SAMPLE-KEY	362	A/N	X(10)			27	36
05	SA-RECDTYP	SAF-RECORD-TYPE	363	A/N	X(1)			37	37
03	SA-PWS-TYP	SAF-PWS-TYPE	364	A/N	X(1)			38	38
03	SA-POP-SRV	SAF-POPULATION-SERVED	365	A/N	X(9)			39	47
03	SA-SOURCE	SAF-SOURCE-CODE	366	A/N	X(1)			48	48

*See Data Element Dictionary: Appendix A

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Sample Analysis File	FILE ID: SAF	RECORD NAME: SAF-RECORD	PAGE: 3 OF 7

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03	SA-AN-METH	SAF-ANALYSIS-METHOD	367	A/N	X(3)			49	51
03	SA-LAB-ID	SAF-LAB-ID	368	A/N	X(5)			52	56
03	SA-LAB-OWN	SAF-LAB-OWNER-TYPE	369	A/N	X(1)			57	57
03		SAF-DETL-ANALYSIS	GRP					58	68
05	SA-D-ANRSL	SAF-DETL-ANALYSIS-RESULT	370	N	9(5)			58	62
05	SA-D-ANDEC	SAF-DETL-ANALYSIS-DECIMALS	371	N	9(1)			63	63
05	SA-D-ANDTE	SAF-DETL-ANALYSIS-DATE	372	N	9(5)			64	68
03		SAF-SUMM-ANALYSIS	GRP					69	83
05	SA-S-HIRSL	SAF-SUMM-HIGHEST-RESULT	373	N	9(4)			69	72
05	SA-S-HIDEC	SAF-SUMM-HIGH-DECIMALS	374	N	9(1)			73	73
05	SA-S-LORSL	SAF-SUMM-LOWEST-RESULT	375	N	9(4)			74	77
05	SA-S-LODEC	SAF-SUMM-LOW-DECIMALS	376	N	9(1)			78	78
05	SA-S-MNRSL	SAF-SUMM-MEAN-RESULT	377	N	9(4)			79	82
05	SA-S-MNDEC	SAF-SUMM-MEAN-DECIMALS	378	N	9(1)			83	83

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME:	Sample Analysis File	FILE ID:	SAF	RECORD NAME:	SAF-RECORD	PAGE:	4	OF	7

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03		SAF-NUM-SAMPLES	GRP					84	89
05	SA-REQ-SPL	SAF-REQUIRED-NUM-SAMPLES	379	N	9(3)			84	86
05	SA-ACT-SPL	SAF-ACTUAL-NUM-SAMPLES	380	N	9(3)			87	89
03		SAF-SAMPLE-PERIOD	GRP					90	99
05	SA-PRD-STR	SAF-SAMPLE-PERIOD-START	381	N	9(5)			90	94
05	SA-PRD-END	SAF-SAMPLE-PERIOD-END	382	N	9(5)			95	99
03	SA-RGLRSPL	SAF-REGULAR-SAMPLE-DATE	383	N	9(5)			100	104
03	SA-SAMPLCT	SAF-SAMPLING-CUTOFF-DATE	384	N	9(5)			105	109
03	SA-SAMPLDU	SAF-NEXT-SAMPLE-DUE-DATE	385	N	9(5)			110	114
03	SA-AIR-TMP	SAF-AIR-TEMPERATURE	386	N	9(2)V9(1)			115	117
03		SAF-CHECK-SAMPLES	GRP					118	122
05	SA-CHK-FED	SAF-CHECK-SAMPLE-FEDERAL	387	A/N	X(1)			118	118
05	SA-CHK-STA	SAF-CHECK-SAMPLE-STATE	388	A/N	X(1)			119	119
05	SA-CHK-NUM	SAF-CHECK-SAMPLE-NUMBER	389	N	9(3)			120	122

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Sample Analysis File	FILE ID: SAF	RECORD NAME: SAF-RECORD	PAGE: 5 OF 7

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03		SAF-VARIANCE	GRP					123	128
05	SA-VAR-MCL	SAF-VARIANCE-MCL	390	N	9(5)			123	127
05	SA-VAR-DEC	SAF-VARIANCE-DECIMALS	391	N	9(1)			128	128
03		SAF-NUMBER-VIOLATIONS	GRP					129	136
05	SA-FED-VIO	SAF-FEDERAL-VIOLATIONS	392	N	9(4)			129	132
05	SA-STA-VIO	SAF-STATE-VIOLATIONS	393	N	9(4)			133	136
03	SA-VIO-DUR	SAF-VIOLATION-DURATION	394	N	9(3)			137	139
03		SAF-NOTIFIED	GRP					140	141
05	SA-NOTIPUB	SAF-NOTIFIED-PUBLIC	395	A/N	X(1)			140	140
05	SA-NOTISTA	SAF-NOTIFIED-STATE	396	A/N	X(1)			141	141
03		FILLER		A/N	X(2)			142	143
03	SA-REGION	SAF-R-REGION	807	A/N	X(2)			144	145
03	SA-DISTRIC	SAF-R-DISTRICT	808	A/N	X(2)			146	147
03		FILLER		A/N	X(45)			148	192

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Sample Analysis File	FILE ID: SAF	RECORD NAME: SAF-RECORD	PAGE: 6 OF 7

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03		SAF-MCL-VIOLATION-DATA	GRP					193	210
05	SA-MCLVIFL	SAF-MCL-VIOL-FLAG	397	A/N	X(1)			193	193
05		SAF-MCL-VIOL-FED-DATA	GRP					194	199
07	SA-MCLVFVL	SAF-MCL-VIOL-F-VALUE	398	N	9(5)			194	198
07	SA-MCLVFDC	SAF-MCL-VIOL-F-DECIMALS	809	N	9(1)			199	199
05		SAF-MCL-VIOL-STATE-DATA	GRP					200	210
07	SA-MCLVSVL	SAF-MCL-VIOL-S-VALUE	810	N	9(5)			200	204
07	SA-MCLVSDC	SAF-MCL-VIOL-S-DECIMALS	811	N	9(1)			205	205
05	SA-MCLVSSD	SAF-MCL-VIOL-SAMPL-START-DATE	812	N	9(5)			206	210
03		SAF-FLAGS	GRP					211	212
05	SA-FL-FUFC	SAF-FL-FED-USED-FOR-COMP	813	A/N	X(1)			211	211
05	SA-FL-SUFC	SAF-FL-STATE-USED-FOR-COMP	814	A/N	X(1)			212	212
03		SAF-STORED-SAMPLE-CODES-SSC	GRP					213	214
05	SA-F-SSC	SAF-FED-SSC	815	A/N	X(1)			213	213

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Sample Analysis File	FILE ID: SAF	RECORD NAME: SAF-RECORD	PAGE: 7 OF 7

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
05	SA-S-SSC	SAF-STATE-SSC	816	A/N	X(1)			214	215
03		FILLER		A/N	X(1)			215	215

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Water Quality Compliance

DATE: 1-4-77

EXHIBIT: WAQC.255

RECORD TYPE: Fixed

RECORD SIZE: 208

PAGE: 1 OF 4

RECORD ACCESS KEY:

VIF-VIOLATION-ID

INPUT TO SUBSYSTEM (S) :

Water Quality Compliance
Federal Reporting
Sanitary Survey

FILE NAME: Violations File

FILE ID: VIF

RECORD NAME: VIF-RECORD

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MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Violations File	FILE ID: VIF	RECORD NAME: VIF-RECORD	PAGE: 2 OF 4

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		VIF-RECORD	GRP					1	179
03	VI-PWS-ID	VIF-PWS-ID	326	A/N	X(7)			1	7
03	VI-PWS-NAM	VIF-PWS-NAME	327	A/N	X(30)			8	37
03	VI-PWS-TYP	VIF-PWS-TYPE	328	A/N	X(1)			38	38
03	VI-POPULAT	VIF-POPULATION	329	A/N	X(9)			39	47
03	VI-REG-LVL	VIF-REGULATION-LEVEL	330	A/N	X(2)			48	49
03	VI-CONT-ID	VIF-CONTAMINANT-ID	331*	A/N	X(4)			50	53
03	VI-SRC-CD	VIF-SOURCE-CODE	332	A/N	X(1)			54	54
03	VI-LAB-ID	VIF-LAB-ID	333	A/N	X(5)			55	59
03	VI-LAB-NAM	VIF-LAB-NAME	334	A/N	X(30)			60	89
03	VI-SPLDATE	VIF-SAMPLE-DATE	335	N	9(5)			90	94
03	VI-SPLREQD	VIF-SAMPLES-NUM-REQUIRED	336	N	9(4)			95	98
03	VI-SPLTAKN	VIF-SAMPLES-NUM-TAKEN	337	N	9(4)			99	102

*See Data Element Dictionary: Appendix A

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Violations File	FILE ID: VIF	RECORD NAME: VIF-RECORD	PAGE: 3 OF 4

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03	VI-AN-METH	VIF-ANALYSIS-METHOD	338	A/N	X(3)			103	105
03	VI-AN-RESL	VIF-ANALYSIS-RESULT	339	N	9(5)			106	110
03	VI-AN-DEC	VIF-ANALYSIS-DECIMALS	340	N	9(1)			111	111
03	VI-ANDATE	VIF-ANALYSIS-DATE	341	N	9(5)			112	116
03	VI-SAMPLCT	VIF-SAMPLING-CUTOFF-DATE	342	N	9(5)			117	121
03	VI-VIOL-TP	VIF-VIOLATION-TYPE	343*	A/N	X(2)			122	123
03	VI-VIOL-DT	VIF-VIOLATION-DATE	344	N	9(5)			124	128
03	VI-MCLVIOL	VIF-MCL-VIOLATED	345	N	9(5)			129	133
03	VI-MCLDEC	VIF-MCL-VIOL-DECIMALS	346	N	9(1)			134	134
03	VI-SPLVIOL	VIF-SAMPLING-FREQ-VIOL	347	N	9(3)			135	137
03	VI-NUMSPVI	VIF-NUM-SAMPLES-VIOL	348	N	9(4)			138	141
03	VI-VIOLDUR	VIF-VIOLATION-DURATION	349	N	9(2)			142	143
03	VI-NOTIPUB	VIF-NOTIFY-PUBLIC	350	A/N	X(1)			144	144
03	VI-NOTISTA	VIF-NOTIFY-STATE	351	A/N	X(1)			145	145

*See Data Element Dictionary: Appendix A

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Violations File	FILE ID: VIF	RECORD NAME: VIF-RECORD	PAGE: 4 OF 4

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03	VI-REGION	VIF-REGION	352	A/N	X(2)			146	147
03	VI-DISTRIC	VIF-DISTRICT	353	A/N	X(2)			148	149
03	VI-SPLTYPE	VIF-SAMPLE-TYPE	354	A/N	X(1)			150	150
03	VI-SPLKEY	VIF-SAMPLE-KEY	355	A/N	X(10)			151	160
03	VI-DT-RPT	VIF-DATE-LAST-REPORT	800	N	9(5)			161	165
03	VI-LST-RPT	VIF-TIME-SINCE-LAST-REPORT	801	A/N	X(2)			166	167
03	VI-LAB-OWN	VIF-LAB-OWNER-TYPE	802	A/N	X(1)			168	168
03		VIF-KEY	GRP					169	173
05	VI-VIOL-ID	VIF-VIOLATION-ID	803	N	9(5)			169	173
03	VI-LSTUPDT	VIF-LAST-UPDATE	804	N	9(5)			174	178
03	VI-REMARKS	VIF-REMARKS	805	A/N	X(25)			179	203
03	VI-MCLVSSD	VIF-MCL-VIOL-SAMPL-START-DATE	806	N	9(5)			204	208

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Water Quality Compliance

DATE: 1-17-77

EXHIBIT: WAQC.256

RECORD TYPE: Fixed

RECORD SIZE: 122

PAGE: 1 OF 2

RECORD ACCESS KEY:

LBT-RECORDS-ON-FILE

INPUT TO SUBSYSTEM (S) :

Water Quality Compliance
Public Water System Inventory

FILE NAME: Laboratory Table

FILE ID: LBT

RECORD NAME: LBT-HDR-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Laboratory Table	FILE ID: LBT	RECORD NAME: LBT-HDR-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		LBT-HDR-RECORD	GRP					1	122
03		LBT-HDR-RECORDS-ON-FILE	512	N	9(6)			1	3
03		LBT-HDR-RECORDS-PER-TRACK	513	N	9(3)			4	9
03		FILLER		A/N	X(113)			10	122

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) : Water Quality Compliance	**DATE:** 3/8/77	**EXHIBIT:** WAQC.257
	RECORD TYPE: Fixed **RECORD SIZE:** 140	**PAGE:** 1 OF 3
	RECORD ACCESS KEY: CSF-KEY	
INPUT TO SUBSYSTEM (S) : Water Quality Compliance		
FILE NAME: Compliance Status File	**FILE ID:** CSF	**RECORD NAME:** CSF-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Compliance Status File	FILE ID: CSF	RECORD NAME: CSF-RECORD	PAGE: 2 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		CSF-RECORD	GRP					1	140
03		CSF-KEY	GRP					1	11
05		CSF-PWS-ID	516	N	X(7)			1	7
05		CSF-CONTAMINANT-ID	517	N	X(4)			8	11
03		CSF-STATUS-DATA	GRP					12	51
05		CSF-STATUS-DATA-FED	GRP					12	31
07		CSF-SDF-RGLR-SPLG-PRD-DATES	GRP					12	21
09		CSF-SDF-RSPD-START	518	N	9(5)			12	16
09		CSF-SDF-RSPD-END	519	N	9(5)			17	21
07		CSF-SDF-CHK-SPLG-PRD-DATES	GRP					22	31
09		CSF-SDF-CSPD-START	520	N	9(5)			22	26
09		CSF-SDF-CSPD-END	521	N	9(5)			27	31
05		CSF-STATUS-DATA-STATE	GRP					32	51
07		CSF-SDS-RGLR-SPLG-PRD-DATES	GRP					32	41

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Compliance Status File	FILE ID: CSF	RECORD NAME: CFS-RECORD	PAGE: 3 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
09		CSF-SDS-RSPD-START	522	N	9(5)			32	36
09		CSF-SDS-RSPD-END	523	N	9(5)			37	41
07		CSF-SDS-CHK-SPLG-PRD-DATES	GRP					42	51
09		CSF-SDS-CSPD-START	524	N	9(5)			42	46
09		CSF-SDS-CSPD-END	525	N	9(5)			47	51
03		CSF-V-AND-E-DATA	GRP			4		52	127
05		CSF-VE-START-DATE	526	N	9(5)				
05		CSF-VE-END-DATE	527	N	9(5)				
05		CSF-VE-MOD-MCL	528	N	9(6)				
05		CSF-VE-ALT-SPLG	529	N	9(3)				
05		CSF-SCHEDULING-DATA	GRP					128	132
05		CSF-SCHED-START-DATE	530	N	9(5)			128	132
05		CSF-SCHED-END-DATE	531	N	9(5)			133	137
05		CSF-SCHED-NUM-SAMPLE	532	N	9(5)				

WAQC210 1 OF 1
10/28/76

LAT CREATION MODULE
SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER
EXHIBIT WAQC.300

MODEL STATE INFORMATION SYSTEM
WATER QUALITY COMPLIANCE SUBSYSTEM

WAQC210

DATE XX/XX/XX

LABORATORY TABLE REPORT

PAGE ZZZZ9

LAB ID	LABORATORY NAME	OWNER TYPE	EXPIRATION DATE
XXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	X	XX/XX/XX

CONTAMINANT GROUP	AUTHORIZED ANALYSIS METHOD CODES
0	XXX XXX XXX XXX XXX XXX XXX XXX XXX XXX XXX XXX
	XXX XXX XXX XXX XXX XXX XXX XXX XXX XXX XXX XXX
1	XXX XXX XXX XXX XXX XXX XXX XXX XXX XXX XXX XXX
	XXX XXX XXX XXX XXX XXX XXX XXX XXX XXX XXX XXX
2	XXX XXX XXX XXX XXX XXX XXX XXX XXX XXX XXX XXX
	XXX XXX XXX XXX XXX XXX XXX XXX XXX XXX XXX XXX
3	XXX XXX XXX XXX XXX XXX XXX XXX XXX XXX XXX XXX
	XXX XXX XXX XXX XXX XXX XXX XXX XXX XXX XXX XXX
4	XXX XXX XXX XXX XXX XXX XXX XXX XXX XXX XXX XXX
	XXX XXX XXX XXX XXX XXX XXX XXX XXX XXX XXX XXX

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PSF DATA ENTRY AND UPDATE MODULE
SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER

EXHIBIT WAQC.301

```
                                   MODEL STATE INFORMATION SYSTEM
WAQC010                           WATER QUALITY COMPLIANCE SUBSYSTEM
DATE XX/XX/XX                      UPDATE REPORT - PERIODIC SAMPLE FILE                         PAGE ZZZZ9

ACTION
 TAKEN   --------RECORD KEY-----------------   ---------------------REMAINDER OF THE RECORD----------------------

 ADDED   XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX   XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
DELETED  XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX   XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXX  XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX   XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXX  XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX   XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXX  XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX   XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
```

EXHIBIT NO. WAQC.302

has been intentionally left out.

WAQC011 1 OF 1
12/17/76

PSF TRANSACTION REPORT
SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER
EXHIBIT WAQC.303

MODEL STATE INFORMATION SYSTEM
WATER QUALITY COMPLIANCE SUBSYSTEM

WAQC011

DATE XX/XX/XX

INPUT TRANSACTION REPORT - PERIODIC SAMPLE FILE

PAGE ZZZZ9

CARD COLUMNS

```
                1         2         3         4         5         6         7         8
REJECT  12345678901234567890123456789012345678901234567890123456789012345678901234567890
   *    XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
   *    XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
   *    XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
```

SAF UPDATE MODULE
SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER
EXHIBIT WAQC.304

```
                                  MODEL STATE INFORMATION SYSTEM
WAQC020                          WATER QUALITY COMPLIANCE SUBSYSTEM
DATE XX/XX/XX                    SAMPLE ANALYSIS FILE DELETION REPORT                  PAGE ZZZZ9

        RECORD KEY                                      REMAINDER OF THE RECORD

  XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX    XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                                         XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
  XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX    XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                                         XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
```

EXHIBIT NO. WAQC.305

has been intentionally left out.

WAQC041 1 OF 1
1/13/77

RADIOLOGICAL MCL VIOLATIONS REPORT MODULE
SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER
EXHIBIT WAQC.306

WAQC041 MODEL STATE INFORMATION SYSTEM
WATER QUALITY COMPLIANCE SUBSYSTEM

DATE XX/XX/XX CHEMICAL MCL VIOLATIONS REPORT PAGE ZZZZ9

PERIOD XX/XX/XX TO XX/XX/XX

PWS-ID	---PUBLIC WATER SYSTEM NAME---	REGION	DISTRICT	----NOTIFY--- PUBLIC	STATE
XXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XX	XX	X	X

----------LABORATORY---------- ID	NAME	----------CONTAMINANT---------- ID	NAME	---------PWS--------- TYPE	POPULATION	SOURCE
XXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXX	X	XXXXXXXXX	X

---SAMPLE---- DATE	TYPE	---------ANALYSIS---------- DATE	METHOD	RESULTS	-------VIOLATION------- TYPE	DATE	DURATION (MONTHS)	----MCL--- VIOLATED	REGULATION LEVEL
XX/XX/XX	XX	XX/XX/XX	XXX	XXXXXXXXXX	X	XX/XX/XX	XX	XXXXXXXXXX	XX

PWS-ID	---PUBLIC WATER SYSTEM NAME---	REGION	DISTRICT	----NOTIFY--- PUBLIC	STATE
XXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XX	XX	X	X

----------LABORATORY---------- ID	NAME	----------CONTAMINANT---------- ID	NAME	---------PWS--------- TYPE	POPULATION	SOURCE
XXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXX	X	XXXXXXXXX	X

---SAMPLE---- DATE	TYPE	---------ANALYSIS---------- DATE	METHOD	RESULTS	-------VIOLATION------- TYPE	DATE	DURATION (MONTHS)	----MCL--- VIOLATED	REGULATION LEVEL
XX/XX/XX	XX	XX/XX/XX	XXX	XXXXXXXXXX	X	XX/XX/XX	XX	XXXXXXXXXX	XX

WAQC050 1 OF 1
2/11/77

BACTERIOLOGICAL SAMPLING VIOLATIONS REPORT MODULE
SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER
EXHIBIT WAQC.307

WAQC050 MODEL STATE INFORMATION SYSTEM
WATER QUALITY COMPLIANCE SUBSYSTEM

DATE XX/XX/XX BACTERIOLOGICAL MCL VIOLATIONS REPORT PAGE ZZZZ9

PERIOD XX/XX/XX TO XX/XX/XX

PWS-ID	---PUBLIC WATER SYSTEM NAME---	REGION	DISTRICT	----NOTIFY--- PUBLIC	STATE
XXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XX	XX	X	X

-----------LABORATORY----------- ID	NAME	-----------CONTAMINANT----------- ID	NAME	----------PWS---------- TYPE	POPULATION	SOURCE
XXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	X	XXXXXXXXX	X

---SAMPLE---- DATE	TYPE	---------ANALYSIS---------- DATE	METHOD	RESULTS	-------VIOLATION------- TYPE	DATE	DURATION (MONTHS)	----MCL--- VIOLATED	REGULATION LEVEL
XX/XX/XX	X	XX/XX/XX	XXX	XXXXXXXXXX	XX	XX/XX/XX	XX	XXXXXXXXXX	XX

PWS-ID	---PUBLIC WATER SYSTEM NAME---	REGION	DISTRICT	----NOTIFY--- PUBLIC	STATE
XXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XX	XX	X	X

-----------LABORATORY----------- ID	NAME	-----------CONTAMINANT----------- ID	NAME	----------PWS---------- TYPE	POPULATION	SOURCE
XXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	X	XXXXXXXXX	X

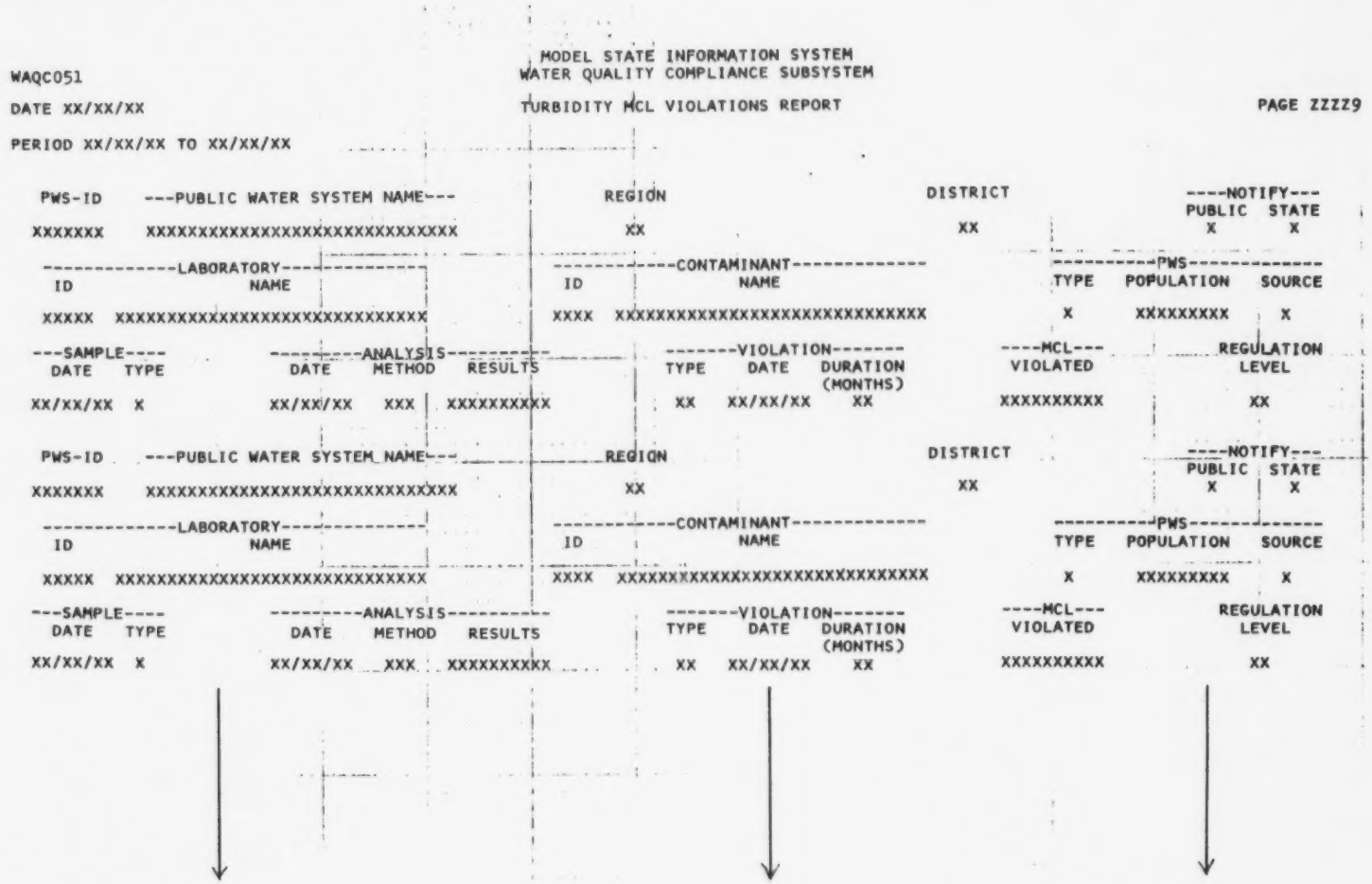
---SAMPLE---- DATE	TYPE	---------ANALYSIS---------- DATE	METHOD	RESULTS	-------VIOLATION------- TYPE	DATE	DURATION (MONTHS)	----MCL--- VIOLATED	REGULATION LEVEL
XX/XX/XX	X	XX/XX/XX	XXX	XXXXXXXXXX	XX	XX/XX/XX	XX	XXXXXXXXXX	XX

WAQC051 1 OF 1
2/11/77

TURBIDITY SAMPLING VIOLATIONS REPORT MODULE

SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER

EXHIBIT WAQC.308



WAQC041 1 OF 1
1/13/77

RADIOLOGICAL MCL VIOLATIONS REPORT MODULE
SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER
EXHIBIT WAQC.309

MODEL STATE INFORMATION SYSTEM
WATER QUALITY COMPLIANCE SUBSYSTEM

WAQC041 RADIOLOGICAL MCL VIOLATIONS REPORT PAGE ZZZZ9

DATE XX/XX/XX

PERIOD XX/XX/XX TO XX/XX/XX

PWS-ID	---PUBLIC WATER SYSTEM NAME---	REGION	DISTRICT	----NOTIFY--- PUBLIC	STATE
XXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XX	XX	X	X

----------LABORATORY---------- ID	NAME	----------CONTAMINANT---------- ID	NAME	---------PWS---------- TYPE	POPULATION	SOURCE
XXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	X	XXXXXXXXX	X

---SAMPLE---- DATE	TYPE	---------ANALYSIS---------- DATE	METHOD	RESULTS	-------VIOLATION------- TYPE	DATE	DURATION (MONTHS)	----MCL--- VIOLATED	REGULATION LEVEL
XX/XX/XX	XX	XX/XX/XX	XXX	XXXXXXXXXX	X	XX/XX/XX	XX	XXXXXXXXXX	XX

PWS-ID	---PUBLIC WATER SYSTEM NAME---	REGION	DISTRICT	----NOTIFY--- PUBLIC	STATE
XXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XX	XX	X	X

----------LABORATORY---------- ID	NAME	----------CONTAMINANT---------- ID	NAME	---------PWS---------- TYPE	POPULATION	SOURCE
XXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	X	XXXXXXXXX	X

---SAMPLE---- DATE	TYPE	---------ANALYSIS---------- DATE	METHOD	RESULTS	-------VIOLATION------- TYPE	DATE	DURATION (MONTHS)	----MCL--- VIOLATED	REGULATION LEVEL
XX/XX/XX	XX	XX/XX/XX	XXX	XXXXXXXXXX	X	XX/XX/XX	XX	XXXXXXXXXX	XX

WAQC060 1 OF 1
2/11/77

CHEMICAL SAMPLING VIOLATIONS REPORT MODULE
SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER
EXHIBIT WAQC.310

MODEL STATE INFORMATION SYSTEM
WATER QUALITY COMPLIANCE SUBSYSTEM

WAQC060 CHEMICAL SAMPLING VIOLATIONS REPORT PAGE ZZZZ9

DATE XX/XX/XX

PERIOD XX/XX/XX TO XX/XX/XX

PWS-ID	---PUBLIC WATER SYSTEM NAME---	REGION	DISTRICT	----NOTIFY---- PUBLIC	STATE
XXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XX	XX	X	X

----------LABORATORY---------- ID	NAME	----------CONTAMINANT---------- ID	NAME	---------PWS---------- TYPE	POPULATION	SOURCE
XXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXX	X	XXXXXXXX	X

---SAMPLE---- DATE	TYPE	SAMPLING CUT-OFF DATE	------NUMBER XXXXXXX REQUIRED FEDERAL	STATE	SAMPLES---- TAKEN FEDERAL	STATE	------VIOLATION------- TYPE	DATE	DURATION (MONTHS)	SAMPLING-FREQUENCY VIOLATED	REGULATION LEVEL
XX/XX/XX	X	XX/XX/XX	XXXX	XXXX	XXXX	XXXX	XX	XX/XX/XX	XX	XXX	XX

PWS-ID	---PUBLIC WATER SYSTEM NAME---	REGION	DISTRICT	----NOTIFY---- PUBLIC	STATE
XXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XX	XX	X	X

----------LABORATORY---------- ID	NAME	----------CONTAMINANT---------- ID	NAME	---------PWS---------- TYPE	POPULATION	SOURCE
XXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXX	X	XXXXXXXX	X

---SAMPLE---- DATE	TYPE	SAMPLING CUT-OFF DATE	----NUMBER XXXXXXX REQUIRED FEDERAL	STATE	SAMPLES---- TAKEN FEDERAL	STATE	------VIOLATION------- TYPE	DATE	DURATION (MONTHS)	SAMPLING-FREQUENCY VIOLATED	REGULATION LEVEL
XX/XX/XX	X	XX/XX/XX	XXXX	XXXX	XXXX	XXXX	XX	XX/XX/XX	XX	XXX	XX

① WILL CONTAIN EITHER "REGULAR" OR "CHECK" DEPENDING ON VIOLATION TYPE.

WAQC070 1 OF 1
2/11/77

BACTERIOLOGICAL MCL VIOLATIONS REPORT MODULE
SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER
EXHIBIT WAQC.311

MODEL STATE INFORMATION SYSTEM
WATER QUALITY COMPLIANCE SUBSYSTEM

WAQC070 BACTERIOLOGICAL SAMPLING VIOLATIONS REPORT PAGE ZZZZ9

DATE XX/XX/XX CYCLE 29

PERIOD XX/XX/XX TO XX/XX/XX

PWS-ID	---PUBLIC WATER SYSTEM NAME---	REGION	DISTRICT	----NOTIFY--- PUBLIC	STATE
XXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XX	XX	X	X

----------LABORATORY---------- ID	NAME	----------CONTAMINANT---------- ID	NAME	---------PWS---------- TYPE	POPULATION	SOURCE
XXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	X	XXXXXXXXX	X

---SAMPLE---- DATE	TYPE	SAMPLING CUT-OFF DATE	------NUMBER REQUIRED FEDERAL	STATE	① SAMPLES---- TAKEN FEDERAL	STATE	-------VIOLATION------- TYPE	DATE	DURATION (MONTHS)	SAMPLING-FREQUENCY VIOLATED	REGULATION LEVEL
XX/XX/XX	X	XX/XX/XX	XXXX	XXXX	XXXX	XXXX	XX	XX/XX/XX	XX	XXX	XX

PWS-ID	---PUBLIC WATER SYSTEM NAME---	REGION	DISTRICT	----NOTIFY--- PUBLIC	STATE
XXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XX	XX	X	X

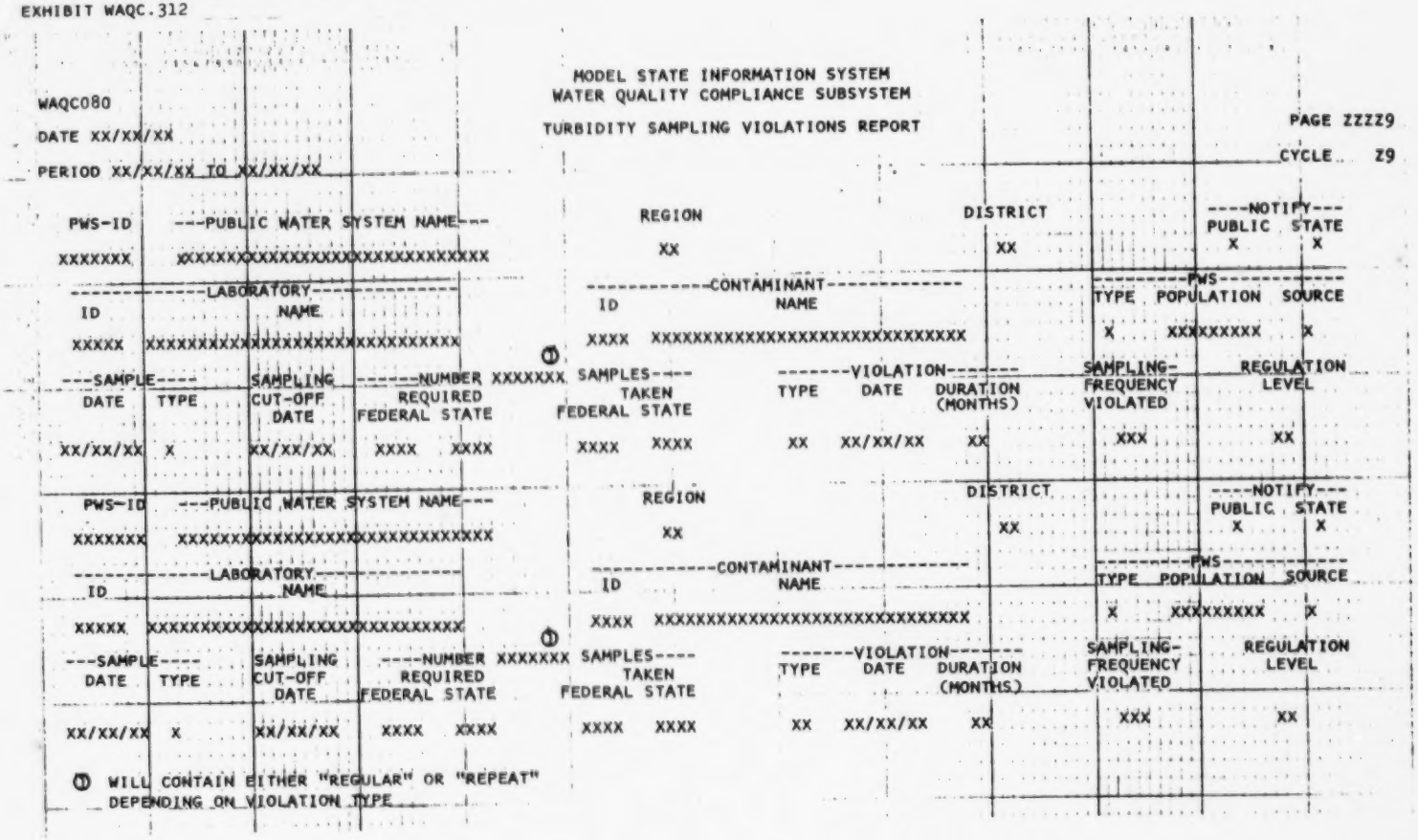
----------LABORATORY---------- ID	NAME	----------CONTAMINANT---------- ID	NAME	---------PWS---------- TYPE	POPULATION	SOURCE
XXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	X	XXXXXXXXX	X

---SAMPLE---- DATE	TYPE	SAMPLING CUT-OFF DATE	----NUMBER REQUIRED FEDERAL	STATE	① SAMPLES---- TAKEN FEDERAL	STATE	-------VIOLATION------- TYPE	DATE	DURATION (MONTHS)	SAMPLING-FREQUENCY VIOLATED	REGULATION LEVEL
XX/XX/XX	X	XX/XX/XX	XXXX	XXXX	XXXX	XXXX	XX	XX/XX/XX	XX	XXX	XX

① WILL CONTAIN EITHER "REGULAR" OR "CHECK" DEPENDING ON VIOLATION TYPE.

WAQC080 1 OF 1
2/11/77

TURBIDITY MCL VIOLATIONS REPORT MODULE
SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER
EXHIBIT WAQC.312



WAQC080
DATE XX/XX/XX
PERIOD XX/XX/XX TO XX/XX/XX

MODEL STATE INFORMATION SYSTEM
WATER QUALITY COMPLIANCE SUBSYSTEM
TURBIDITY SAMPLING VIOLATIONS REPORT

PAGE ZZZZ9
CYCLE Z9

PWS-ID ---PUBLIC WATER SYSTEM NAME---
XXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXX

REGION DISTRICT ----NOTIFY---
PUBLIC STATE
XX XX X X

LABORATORY
ID NAME
XXXXX XXXXXXXXXXXXXXXXXXXXXXXXXX

CONTAMINANT
ID NAME
XXXX XXXXXXXXXXXXXXXXXXXXXXXXXX

PWS
TYPE POPULATION SOURCE
X XXXXXXXX X

SAMPLE DATE	SAMPLE TYPE	SAMPLING CUT-OFF DATE	NUMBER REQUIRED FEDERAL	NUMBER REQUIRED STATE	SAMPLES TAKEN FEDERAL	SAMPLES TAKEN STATE	VIOLATION TYPE	VIOLATION DATE	VIOLATION DURATION (MONTHS)	SAMPLING FREQUENCY VIOLATED	REGULATION LEVEL
XX/XX/XX	X	XX/XX/XX	XXXX	XXXX	XXXX	XXXX	XX	XX/XX/XX	XX	XXX	XX

PWS-ID ---PUBLIC WATER SYSTEM NAME---
XXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXX

REGION DISTRICT ----NOTIFY---
PUBLIC STATE
XX XX X X

LABORATORY
ID NAME
XXXXX XXXXXXXXXXXXXXXXXXXXXXXXXX

CONTAMINANT
ID NAME
XXXX XXXXXXXXXXXXXXXXXXXXXXXXXX

PWS
TYPE POPULATION SOURCE
X XXXXXXXX X

SAMPLE DATE	SAMPLE TYPE	SAMPLING CUT-OFF DATE	NUMBER REQUIRED FEDERAL	NUMBER REQUIRED STATE	SAMPLES TAKEN FEDERAL	SAMPLES TAKEN STATE	VIOLATION TYPE	VIOLATION DATE	VIOLATION DURATION (MONTHS)	SAMPLING FREQUENCY VIOLATED	REGULATION LEVEL
XX/XX/XX	X	XX/XX/XX	XXXX	XXXX	XXXX	XXXX	XX	XX/XX/XX	XX	XXX	XX

① WILL CONTAIN EITHER "REGULAR" OR "REPEAT" DEPENDING ON VIOLATION TYPE

WAQC061 1 OF 1
2/11/77

RADIOLOGICAL SAMPLING VIOLATIONS REPORT MODULE
SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER
EXHIBIT WAQC.313

MODEL STATE INFORMATION SYSTEM
WATER QUALITY COMPLIANCE SUBSYSTEM

WAQC061 RADIOLOGICAL SAMPLING VIOLATIONS REPORT PAGE ZZZZ9

DATE XX/XX/XX

PERIOD XX/XX/XX TO XX/XX/XX

PWS-ID	---PUBLIC WATER SYSTEM NAME---	REGION	DISTRICT	----NOTIFY--- PUBLIC	STATE
XXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XX	XX	X	X

----------LABORATORY---------- ID	NAME	----------CONTAMINANT---------- ID	NAME	---------PWS---------- TYPE	POPULATION	SOURCE
XXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	X	XXXXXXXXX	X

---SAMPLE---- DATE	TYPE	SAMPLING CUT-OFF DATE	------NUMBER XXXXXXX SAMPLES---- REQUIRED FEDERAL	STATE	TAKEN FEDERAL	STATE	-------VIOLATION------- TYPE	DATE	DURATION (MONTHS)	SAMPLING-FREQUENCY VIOLATED	REGULATION LEVEL
XX/XX/XX	X	XX/XX/XX	XXXX	XXXX	XXXX	XXXX	XX	XX/XX/XX	XX	XXX	XX

PWS-ID	---PUBLIC WATER SYSTEM NAME---	REGION	DISTRICT	----NOTIFY--- PUBLIC	STATE
XXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XX	XX	X	X

----------LABORATORY---------- ID	NAME	----------CONTAMINANT---------- ID	NAME	---------PWS---------- TYPE	POPULATION	SOURCE
XXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	X	XXXXXXXXX	X

---SAMPLE---- DATE	TYPE	SAMPLING CUT-OFF DATE	----NUMBER XXXXXXX SAMPLES---- REQUIRED FEDERAL	STATE	TAKEN FEDERAL	STATE	-------VIOLATION------- TYPE	DATE	DURATION (MONTHS)	SAMPLING-FREQUENCY VIOLATED	REGULATION LEVEL
XX/XX/XX	X	XX/XX/XX	XXXX	XXXX	XXXX	XXXX	XX	XX/XX/XX	XX	XXX	XX

① *WILL CONTAIN EITHER "REGULAR" OR "CHECK"*
DEPENDING ON VIOLATION TYPE

EXHIBIT NO. WAQC.314

has been intentionally left out.

SAF PURGE MODULE
SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER
EXHIBIT WAQC.315

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WAQC220                                   MODEL STATE INFORMATION SYSTEM
                                         WATER QUALITY COMPLIANCE SUBSYSTEM
DATE XX/XX/XX                            SAMPLE ANALYSIS FILE - PURGE REPORT                PAGE ZZZZ9

             RECORD KEY                                   REMAINDER OF RECORD
     XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX          XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                                                XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
     XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX          XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                                                XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
```

WAQC220 1 of 1
1/4/77

SAF Purge Module
SouthWestern Ohio Regional Computer Center
EXHIBIT WAQC.316

WAQC220

MODEL STATE INFORMATION SYSTEM
WATER QUALITY COMPLIANCE SUBSYSTEM

SAMPLE ANALYSIS FILE PURGE STATISTICS REPORT

PAGE ZZZZ9

	TOTAL	% RELATIVE TO THE ORIGINAL FILE
1. NUMBER OF RECORDS ORIGINALLY ON THE FILE	ZZZ,ZZZ,ZZ9	
2. NUMBER OF RECORDS PURGED FROM FILE	ZZZ,ZZZ,ZZ9	ZZZ9 %
3. NUMBER OF RECORDS NOW ON FILE	ZZZ,ZZZ,ZZ9	ZZZ9 %

EXHIBIT NO.'s WAQC.317 and 318

have been intentionally left out.

WAQC140 1 OF 1
3/24/77

CHEMICAL AND RADIOLOGICAL SCHEDULE REPORT MODULE
SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER

EXHIBIT WAQC.319

MODEL STATE INFORMATION SYSTEM
WATER QUALITY COMPLIANCE SUBSYSTEM

WAQC140

DATE XX/XX/XX

PWS SCHEDULED FOR CHEMICAL/RADIOLOGICAL SAMPLING

PAGE ZZZ9

REGION	DISTRICT	PWS-ID	PUBLIC WATER SYSTEM NAME	PWS TYPE	POPULATION	CONTAMINANT ID	CONTAMINANT NAME	SAMPLING PERIOD START	SAMPLING PERIOD END
XX	XX	XXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXX	X	XXXXXXXXX	XXXX	XXXXXXXXXXXXXXX	XX/XX/XX	XX/XX/XX
						XXXX	XXXXXXXXXXXXXXX	XX/XX/XX	XX/XX/XX
						XXXX	XXXXXXXXXXXXXXX	XX/XX/XX	XX/XX/XX

TOTAL INORGANIC CHEMICAL SAMPLES ____ XXX

TOTAL ORGANIC CHEMICAL SAMPLES XXX

TOTAL NATURAL RADIONUCLIDE SAMPLES XXX

TOTAL MAN MADE RADIONUCLIDE SAMPLES ___ XXX

*	DISTRICT XX TOTAL PWS SCHEDULED TO SAMPLE FOR	INORGANIC CHEMICAL ANALYSIS	XXXX
		ORGANIC CHEMICAL ANALYSIS	XXXX
		NATURAL RADIONUCLIDE ANALYSIS	XXXX
		MAN-MADE RADIONUCLIDE ANALYSIS	XXXX
**	REGION XX TOTAL PWS SCHEDULED TO SAMPLE FOR	INORGANIC CHEMICAL ANALYSIS	XXXX
		ORGANIC CHEMICAL ANALYSIS	XXXX
		NATURAL RADIONUCLIDE ANALYSIS	XXXX
		MAN-MADE RADIONUCLIDE ANALYSIS	XXXX
***	STATE TOTAL PWS SCHEDULED TO SAMPLE FOR	INORGANIC CHEMICAL ANALYSIS	XXXX
		ORGANIC CHEMICAL ANALYSIS	XXXX
		NATURAL RADIONUCLIDE ANALYSIS	XXXX
		MAN-MADE RADIONUCLIDE ANALYSIS	XXXX

WAQC125 1 OF 1
2/8/77

VIF SELECTION MODULE
SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER

EXHIBIT WAQC.320

WAQC125 MODEL STATE INFORMATION SYSTEM
WATER QUALITY COMPLIANCE SUBSYSTEM

DATE XX/XX/XX COMPLIANCE SUMMARY REPORT PAGE ZZZZ9

STATE XX REGION XX DISTRICT XX COMPLIANCE CYCLE Z9

PWS ID	PUBLIC WATER SYSTEM NAME	PWS TYPE	PWS POPULATION	PWS SOURCE
XXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	X	XXXXXXXXX	X

VIOLATION ID	VIOLATION DATE	VIOLATION TYPE	VIOLATION DURATION (MONTHS)	CONTAMINANT ID	LABORATORY ID	LABORATORY OWNER	ANALYSIS DATE	ANALYSIS METHOD	ANALYSIS RESULT	MCL VIOLATED	NOTIFY PUBLIC	NOTIFY STATE	REG. LEVEL
XXXXX	XX/XX/XX	XX	XX	XXXX	XXXXX	X	XX/XX/XX	XXX	XXXXXXXXXX	XXXXXXXXXX	X	X	XX

NUMBER OF SAMPLES REQUIRED	NUMBER OF SAMPLES TAKEN	NUMBER OF SAMPLES IN VIOLATION	SAMPLE DATE	SAMPLE TYPE	SAMPLE KEY	SAMPLE CUTOFF DATE	FREQUENCY VIOLATED	LAST REPORT DATE	LAST REPORT TIME	LAST UPDATE	REMARKS
XXXX	XXXX	XXXX	XX/XX/XX	X	XXXXXXXXXX	XX/XX/XX	XXX	XX/XX/XX	XX	XX/XX/XX	XXXXXXXXXXXXXXXXXXXXXXXX

* TOTAL VIOLATIONS PER PWS — VIOLATIONS OF STATE REGULATIONS: Z,ZZZ,ZZ9 — VIOLATIONS OF FEDERAL REGULATIONS: Z,ZZZ,ZZ9

** TOTAL VIOLATIONS FOR DISTRICT — VIOLATIONS OF STATE REGULATIONS: Z,ZZZ,ZZ9 — VIOLATIONS OF FEDERAL REGULATIONS: Z,ZZZ,ZZ9

*** TOTAL VIOLATIONS FOR REGION — VIOLATIONS OF STATE REGULATIONS: Z,ZZZ,ZZ9 — VIOLATIONS OF FEDERAL REGULATIONS: Z,ZZZ,ZZ9

**** TOTAL VIOLATIONS FOR STATE — VIOLATIONS OF STATE REGULATIONS: Z,ZZZ,ZZ9 — VIOLATIONS OF FEDERAL REGULATIONS: Z,ZZZ,ZZ9

WA0C110 1 OF 1
3/4/77

CHEMICAL ANALYSES SUMMARY REPORT MODULE
SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER
EXHIBIT WA0C.321

MODEL STATE INFORMATION SYSTEM
WATER QUALITY COMPLIANCE SUBSYSTEM

WA0C110 SUMMARY OF CHEMICAL ANALYSIS REPORT FROM XX/XX/XX TO XX/XX/XX PAGE ZZZZ9

DATE XX/XX/XX

REGION	DISTRICT	PWS-ID	PUBLIC WATER SYSTEM NAME	PWS TYPE	POPULATION	SOURCE
XX	XX	XXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	X	XXXXXXXXX	X

SAMPLE KEY	CONTAMINANT ID	CONTAMINANT NAME	SAMPLE TYPE	SAMPLE DATE	LAB ID	ANALYSIS RESULT	ANALYSIS METHOD	NUMBER SAMPLES	VIOLATION STATE	VIOLATION FEDERAL	VIOLATION DURATION
XXXXXXXXXX	XXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	X	XX/XX/XX	XXXXX	XXXXXXXXXX	XXX	XXXX	XXX	XXX	XXX
XXXXXXXXXX	XXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	X	XX/XX/XX	XXXXX	XXXXXXXXXX	XXX	XXXX	XXX	XXX	XXX

* CONTAMINANT SUMMARY	SAMPLE TYPE	ANALYSIS RESULT LOW	ANALYSIS RESULT AVERAGE	ANALYSIS RESULT HIGH	MCL STATE	MCL FEDERAL	NUMBER SAMPLES	VIOLATION STATE	VIOLATION FEDERAL	VIOLATION LONGEST DURATION
	X	XXXXXXXXXX	XXXXXXXXX	XXXXXXXXX	XXXXXXXX	XXXXXXXX	XXXX	XXXXXXX	XXXXXXX	XXXX
	X	XXXXXXXXXX	XXXXXXXXX	XXXXXXXXX	XXXXXXXX	XXXXXXXX	XXXX	XXXXXXX	XXXXXXX	XXXX

* NOTE: IF THE CONTAMINANT ID IS NOT SPECIFIED ON THE "SORT" PROCESSING OPTIONS RECORD, ONLY DETAILS ARE TO BE PRINTED; NO CONTAMINANT SUMMARIES WILL BE PRODUCED. CONTAMINANT SUMMARIES ARE TO BE PRODUCED IN THE FOLLOWING ORDER: C - CHECK; D - REGULAR DISTRIBUTION; P - PLANT TAP; R - RAW WATER; S - SPECIAL.

**		TOTAL PWS	POPULATION	CHECK SAMPLES	REGULAR SAMPLES	PLANT TAP SAMPLES	RAW WATER SAMPLES	SPECIAL SAMPLES	VIOLATION STATE	VIOLATION FEDERAL	VIOLATION LONGEST DURATION
*	TOTAL FOR DISTRICT	ZZZZ9	ZZZ,ZZZ,ZZ9	ZZZZZZ9	ZZZZZZ9	ZZZZZZ9	ZZZZZZ9	ZZZZZZ9	ZZZZZ9	ZZZZZ9	ZZZ9
**	TOTAL FOR REGION	ZZZZ9	ZZZ,ZZZ,ZZ9	ZZZZZZ9	ZZZZZZ9	ZZZZZZ9	ZZZZZZ9	ZZZZZZ9	ZZZZZ9	ZZZZZ9	ZZZ9
***	TOTAL FOR STATE	ZZZZ9	ZZZ,ZZZ,ZZ9	ZZZZZZ9	ZZZZZZ9	ZZZZZZ9	ZZZZZZ9	ZZZZZZ9	ZZZZZ9	ZZZZZ9	ZZZ9

** NOTE: IF THE DISTRICT AND THE REGION ARE NOT SPECIFIED ON THE "SORT" PROCESSING OPTIONS RECORD, NO TOTALS ARE TO BE PRODUCED.

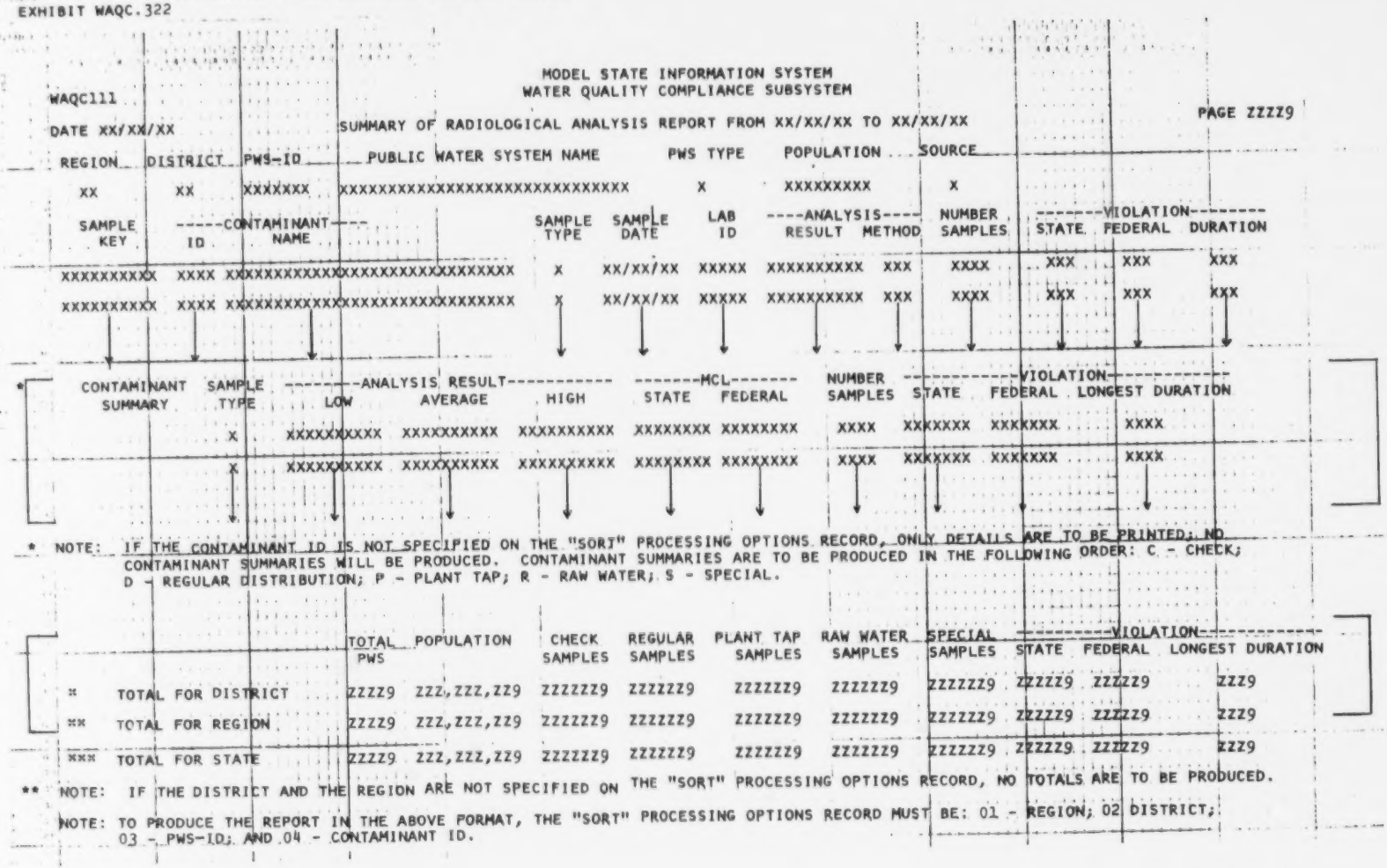
NOTE: TO PRODUCE THE REPORT IN THE ABOVE FORMAT, THE "SORT" PROCESSING OPTIONS RECORD MUST BE: 01 - REGION; 02 - DISTRICT; 03 - PWS-ID; AND 04 - CONTAMINANT ID.

WAQC111 1 OF 1
3/4/77

RADIOLOGICAL ANALYSES SUMMARY REPORT MODULE

SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER

EXHIBIT WAQC.322



MODEL STATE INFORMATION SYSTEM
WATER QUALITY COMPLIANCE SUBSYSTEM

WAQC111 PAGE ZZZZ9

DATE XX/XX/XX SUMMARY OF RADIOLOGICAL ANALYSIS REPORT FROM XX/XX/XX TO XX/XX/XX

REGION	DISTRICT	PWS-ID	PUBLIC WATER SYSTEM NAME	PWS TYPE	POPULATION	SOURCE
XX	XX	XXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	X	XXXXXXXXX	X

SAMPLE KEY	CONTAMINANT ID	CONTAMINANT NAME	SAMPLE TYPE	SAMPLE DATE	LAB ID	ANALYSIS RESULT	ANALYSIS METHOD	NUMBER SAMPLES	VIOLATION STATE	VIOLATION FEDERAL	VIOLATION DURATION
XXXXXXXXXX	XXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	X	XX/XX/XX	XXXXX	XXXXXXXXXX	XXX	XXXX	XXX	XXX	XXX
XXXXXXXXXX	XXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	X	XX/XX/XX	XXXXX	XXXXXXXXXX	XXX	XXXX	XXX	XXX	XXX

CONTAMINANT SUMMARY	SAMPLE TYPE	ANALYSIS RESULT LOW	ANALYSIS RESULT AVERAGE	ANALYSIS RESULT HIGH	MCL STATE	MCL FEDERAL	NUMBER SAMPLES	VIOLATION STATE	VIOLATION FEDERAL	VIOLATION LONGEST DURATION
	X	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXX	XXXXXXXX	XXXX	XXXXXXX	XXXXXXX	XXXX
	X	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXX	XXXXXXXX	XXXX	XXXXXXX	XXXXXXX	XXXX

* NOTE: IF THE CONTAMINANT ID IS NOT SPECIFIED ON THE "SORT" PROCESSING OPTIONS RECORD, ONLY DETAILS ARE TO BE PRINTED; NO CONTAMINANT SUMMARIES WILL BE PRODUCED. CONTAMINANT SUMMARIES ARE TO BE PRODUCED IN THE FOLLOWING ORDER: C - CHECK; D - REGULAR DISTRIBUTION; P - PLANT TAP; R - RAW WATER; S - SPECIAL.

	TOTAL PWS	POPULATION	CHECK SAMPLES	REGULAR SAMPLES	PLANT TAP SAMPLES	RAW WATER SAMPLES	SPECIAL SAMPLES	VIOLATION STATE	VIOLATION FEDERAL	VIOLATION LONGEST DURATION
* TOTAL FOR DISTRICT	ZZZZ9	ZZZ,ZZZ,ZZ9	ZZZZZZ9	ZZZZZZ9	ZZZZZZ9	ZZZZZZ9	ZZZZZZ9	ZZZZZ9	ZZZZZ9	ZZZ9
** TOTAL FOR REGION	ZZZZ9	ZZZ,ZZZ,ZZ9	ZZZZZZ9	ZZZZZZ9	ZZZZZZ9	ZZZZZZ9	ZZZZZZ9	ZZZZZ9	ZZZZZ9	ZZZ9
*** TOTAL FOR STATE	ZZZZ9	ZZZ,ZZZ,ZZ9	ZZZZZZ9	ZZZZZZ9	ZZZZZZ9	ZZZZZZ9	ZZZZZZ9	ZZZZZ9	ZZZZZ9	ZZZ9

** NOTE: IF THE DISTRICT AND THE REGION ARE NOT SPECIFIED ON THE "SORT" PROCESSING OPTIONS RECORD, NO TOTALS ARE TO BE PRODUCED.

NOTE: TO PRODUCE THE REPORT IN THE ABOVE FORMAT, THE "SORT" PROCESSING OPTIONS RECORD MUST BE: 01 - REGION; 02 DISTRICT; 03 - PWS-ID; AND 04 - CONTAMINANT ID.

WAQC112 1 OF 1
3/4/77

BACTERIOLOGICAL SUMMARY ANALYSIS REPORT MODULE
SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER

EXHIBIT WAQC.323

WAQC112 MODEL STATE INFORMATION SYSTEM
WATER QUALITY COMPLIANCE SUBSYSTEM

DATE XX/XX/XX SUMMARY OF BACTERIOLOGICAL ANALYSIS REPORT FROM XX/XX/XX TO XX/XX/XX PAGE ZZZ9

REGION	DISTRICT	PWS-ID	PUBLIC WATER SYSTEM NAME	PWS TYPE	POPULATION	SOURCE
XX	XX	XXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXX	X	XXXXXXXXX	X

SAMPLE KEY	CONTAMINANT ID	CONTAMINANT NAME	RECORD TYPE	SAMPLE TYPE	SAMPLE DATE	LAB ID	ANALYSIS RESULT	ANALYSIS METHOD	NUMBER SAMPLES	VIOLATION STATE	VIOLATION FEDERAL	VIOLATION DURATION
XXXXXXXXXX	XXXX	XXXXXXXXXXXXXXX	D	X	XX/XX/XX	XXXXX	XXXXXXXXXX	XXX	XXXX	XXX	XXX	XXX
XXXXXXXXXX	XXXX	XXXXXXXXXXXXXXX	D	X	XX/XX/XX	XXXXX	XXXXXXXXXX	XXX	XXXX	XXX	XXX	XXX

SAMPLE KEY	CONTAMINANT ID	CONTAMINANT NAME	RECORD TYPE	SAMPLE TYPE	ANALYSIS RESULT LOW	ANALYSIS RESULT AVERAGE	ANALYSIS RESULT HIGH	METHOD	NUM SAMPLES REGULAR	NUM SAMPLES CHECK	VIOLATION STATE	VIOLATION FEDERAL	VIOLATION DURATION
XXXXXXXXXX	XXXX	XXXXXXXXXXXXXXX	S	X	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXX	XXXX	XXXX	XXXXXXX	XXXXXXX	XXX
XXXXXXXXXX	XXXX	XXXXXXXXXXXXXXX	S	X	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXX	XXXX	XXXX	XXXXXXX	XXXXXXX	XXX

*

CONTAMINANT SUMMARY	SAMPLE TYPE	ANALYSIS RESULT LOW	ANALYSIS RESULT AVERAGE	ANALYSIS RESULT HIGH	MCL STATE	MCL FEDERAL	NUMBER SAMPLES	VIOLATION STATE	VIOLATION FEDERAL	VIOLATION LONGEST DURATION
	X	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXX	XXXXXXXX	XXXX	XXXXXXX	XXXXXXX	XXXX
	X	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXX	XXXXXXXX	XXXX	XXXXXXX	XXXXXXX	XXXX

* NOTE: IF THE CONTAMINANT ID IS NOT SPECIFIED ON THE "SORT" PROCESSING OPTIONS RECORD, ONLY DETAILS ARE TO BE PRINTED; NO CONTAMINANT SUMMARIES WILL BE PRODUCED. CONTAMINANT SUMMARIES ARE TO BE PRODUCED IN THE FOLLOWING ORDER: C - CHECK; D - REGULAR DISTRIBUTION; P - PLANT TAP; R - RAW WATER; S - SPECIAL.

**

	TOTAL PWS	POPULATION	CHECK SAMPLES	REGULAR SAMPLES	PLANT TAP SAMPLES	RAW WATER SAMPLES	SPECIAL SAMPLES	VIOLATION STATE	VIOLATION FEDERAL	VIOLATION LONGEST DURATION
* TOTAL FOR DISTRICT	ZZZZ9	ZZZ,ZZZ,ZZ9	ZZZZZZ9	ZZZZZZ9	ZZZZZZ9	ZZZZZZ9	ZZZZZZ9	ZZZZZ9	ZZZZZ9	ZZZ9
** TOTAL FOR REGION	ZZZZ9	ZZZ,ZZZ,ZZ9	ZZZZZZ9	ZZZZZZ9	ZZZZZZ9	ZZZZZZ9	ZZZZZZ9	ZZZZZ9	ZZZZZ9	ZZZ9
*** TOTAL FOR STATE	ZZZZ9	ZZZ,ZZZ,ZZ9	ZZZZZZ9	ZZZZZZ9	ZZZZZZ9	ZZZZZZ9	ZZZZZZ9	ZZZZZ9	ZZZZZ9	ZZZ9

** NOTE: IF THE DISTRICT AND THE REGION ARE NOT SPECIFIED ON THE "SORT" PROCESSING OPTIONS RECORD, NO TOTALS ARE TO BE PRODUCED.
NOTE: TO PRODUCE THE REPORT IN THE ABOVE FORMAT, THE "SORT" PROCESSING OPTIONS RECORD MUST BE: 01 - REGION; 02 - DISTRICT; 03 - PWS-ID; AND 04 - CONTAMINANT ID.

WAQC113 1 OF 1
3/4/77

TURBIDITY SUMMARY ANALYSIS REPORT MODULE
SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER
EXHIBIT WAQC.324

MODEL STATE INFORMATION SYSTEM
WATER QUALITY COMPLIANCE SUBSYSTEM

WAQC113 SUMMARY OF TURBIDITY ANALYST REPORT FROM XX/XX/XX TO XX/XX/XX PAGE ZZZZ9

DATE XX/XX/XX

REGION	DISTRICT	PWS-ID	PUBLIC WATER SYSTEM NAME	PWS TYPE	POPULATION	SOURCE
XX	XX	XXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	X	XXXXXXXXX	X

SAMPLE KEY	CONTAMINANT ID	CONTAMINANT NAME	RECORD TYPE	SAMPLE TYPE	SAMPLE DATE	LAB ID	ANALYSIS RESULT	ANALYSIS METHOD	NUMBER SAMPLES	VIOLATION STATE	VIOLATION FEDERAL	VIOLATION DURATION
XXXXXXXXXX	XXXX	XXXXXXXXXXXXXXX	D	X	XX/XX/XX	XXXXX	XXXXXXXXXX	XXX	XXXX	XXX	XXX	XXX
XXXXXXXXXX	XXXX	XXXXXXXXXXXXXXX	D	X	XX/XX/XX	XXXXX	XXXXXXXXXX	XXX	XXXX	XXX	XXX	XXX

SAMPLE KEY	CONTAMINANT ID	CONTAMINANT NAME	RECORD TYPE	SAMPLE TYPE	ANALYSIS RESULT LOW	ANALYSIS RESULT AVERAGE	ANALYSIS RESULT HIGH	METHOD	NUM SAMPLES REGULAR	NUM SAMPLES CHECK	VIOLATION STATE	VIOLATION FEDERAL	VIOLATION DURATION
XXXXXXXXXX	XXXX	XXXXXXXXXXXXXXX	S	X	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXX	XXXX	XXXX	XXXXXXX	XXXXXXX	XXX
XXXXXXXXXX	XXXX	XXXXXXXXXXXXXXX	S	X	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXX	XXXX	XXXX	XXXXXXX	XXXXXXX	XXX

* CONTAMINANT SUMMARY	SAMPLE TYPE	ANALYSIS RESULT LOW	ANALYSIS RESULT AVERAGE	ANALYSIS RESULT HIGH	MCL STATE	MCL FEDERAL	NUMBER SAMPLES	VIOLATION STATE	VIOLATION FEDERAL	VIOLATION LONGEST DURATION
	X	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXX	XXXXXXXX	XXXX	XXXXXXX	XXXXXXX	XXXX
	X	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXX	XXXXXXXX	XXXX	XXXXXXX	XXXXXXX	XXXX

* NOTE: IF THE CONTAMINANT ID IS NOT SPECIFIED ON THE "SORT" PROCESSING OPTIONS RECORD, ONLY DETAILS ARE TO BE PRINTED; NO CONTAMINANT SUMMARIES WILL BE PRODUCED. CONTAMINANT SUMMARIES ARE TO BE PRODUCED IN THE FOLLOWING ORDER: C - CHECK; D - REGULAR DISTRIBUTION; P - PLANT TAP; R - RAW WATER; S - SPECIAL.

**		TOTAL PWS	POPULATION	CHECK SAMPLES	REGULAR SAMPLES	PLANT TAP SAMPLES	RAW WATER SAMPLES	SPECIAL SAMPLES	VIOLATION STATE	VIOLATION FEDERAL	VIOLATION LONGEST DURATION
*	TOTAL FOR DISTRICT	ZZZZ9	ZZZ,ZZZ,ZZZ	ZZZZZZ9	ZZZZZZ9	ZZZZZZ9	ZZZZZZ9	ZZZZZZ9	ZZZZZ9	ZZZZZ9	ZZZ9
**	TOTAL FOR REGION	ZZZZ9	ZZZ,ZZZ,ZZZ	ZZZZZZ9	ZZZZZZ9	ZZZZZZ9	ZZZZZZ9	ZZZZZZ9	ZZZZZ9	ZZZZZ9	ZZZ9
***	TOTAL FOR STATE	ZZZZ9	ZZZ,ZZZ,ZZZ	ZZZZZZ9	ZZZZZZ9	ZZZZZZ9	ZZZZZZ9	ZZZZZZ9	ZZZZZ9	ZZZZZ9	ZZZ9

** NOTE: IF THE DISTRICT AND THE REGION ARE NOT SPECIFIED ON THE "SORT" PROCESSING OPTIONS RECORD, NO TOTALS ARE TO BE PRODUCED.

NOTE: TO PRODUCE THE REPORT IN THE ABOVE FORMAT, THE "SORT" PROCESSING OPTIONS RECORD MUST BE: 01 - REGION; 02 - DISTRICT; 03 - PWS-ID; AND 04 - CONTAMINANT ID.

WAQC090 1 OF 1
2/11/77

LATE MONTHLY OPERATIONS REPORT MODULE
SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER

EXHIBIT WAQC.325

MODEL STATE INFORMATION SYSTEM
WATER QUALITY COMPLIANCE SUBSYSTEM

WAQC090

DATE XX/XX/XX

OPERATION REPORT VIOLATIONS REPORT

PAGE ZZZZ9

PERIOD XX/XX/XX TO XX/XX/XX

PWS-ID	---PUBLIC WATER SYSTEM NAME---	REGION	DISTRICT	---------PWS---------- TYPE	POPULATION	SOURCE	DATE OF LAST REPORT	MONTHS SINCE LAST REPORT
XXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XX	XX	X	XXXXXXXXX	X	XX/XX/XX	XX
XXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XX	XX	X	XXXXXXXXX	X	XX/XX/XX	XX

VARIES

EDIT FOR INORGANIC VIOLATION MODULE

SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER

EXHIBIT WAQC.326

MODEL STATE INFORMATION SYSTEM
WATER QUALITY COMPLIANCE SUBSYSTEM

WAQCXXX (1)

DATE XX/XX/XX

(2) XXXXXXXXXXXXXXXXX VIOLATIONS WARNINGS REPORT

PAGE ZZZZ9

PWS-ID	CONTAMINANT-ID	VIOLATION MESSAGE
XXXXXXX	XXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXX	XXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

(1) PROGRAM NAME

(2) CONTAMINANT GROUP NAME:

TURBIDITY
INORGANIC CHEMICAL
ORGANIC CHEMICAL
BACTERIOLOGICAL
GROSS ALPHA
GROSS BETA

WAQC038 1 OF 1
3/8/77

MERGE COMPLIANCE FILES MODULE
SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER
EXHIBIT WAQC.327

WAQC038
DATE XX/XX/XX

MODEL STATE INFORMATION SYSTEM
WATER QUALITY COMPLIANCE SUBSYSTEM

COMPLETION REPORT

PAGE ZZZZ9

		TOTAL	% RELATIVE TO THE SAMPLE ANALYSIS FILE
①	NUMBER OF RECORDS ORIGINALLY ON THE SAMPLE ANALYSIS FILE	ZZZ,ZZZ,ZZ9	
	NUMBER OF NEW RECORDS ADDED TO THE SAMPLE ANALYSIS FILE	ZZZ,ZZZ,ZZ9	ZZ9 %
	NUMBER OF RECORDS CURRENTLY ON THE SAMPLE ANALYSIS FILE	ZZZ,ZZZ,ZZ9	ZZ9 %
	NUMBER OF RECORDS CURRENTLY ON THE PERIODIC SAMPLE FILE	ZZZ,ZZZ,ZZ9	
	NUMBER OF RECORDS CURRENTLY ON THE VIF TRANSACTION FILE	ZZZ,ZZZ,ZZ9	
	NUMBER OF RECORDS CURRENTLY ON THE PWF TRANSACTION FILE	ZZZ,ZZZ,ZZ9	

① -NORMAL COMPLETION REPORT ② XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

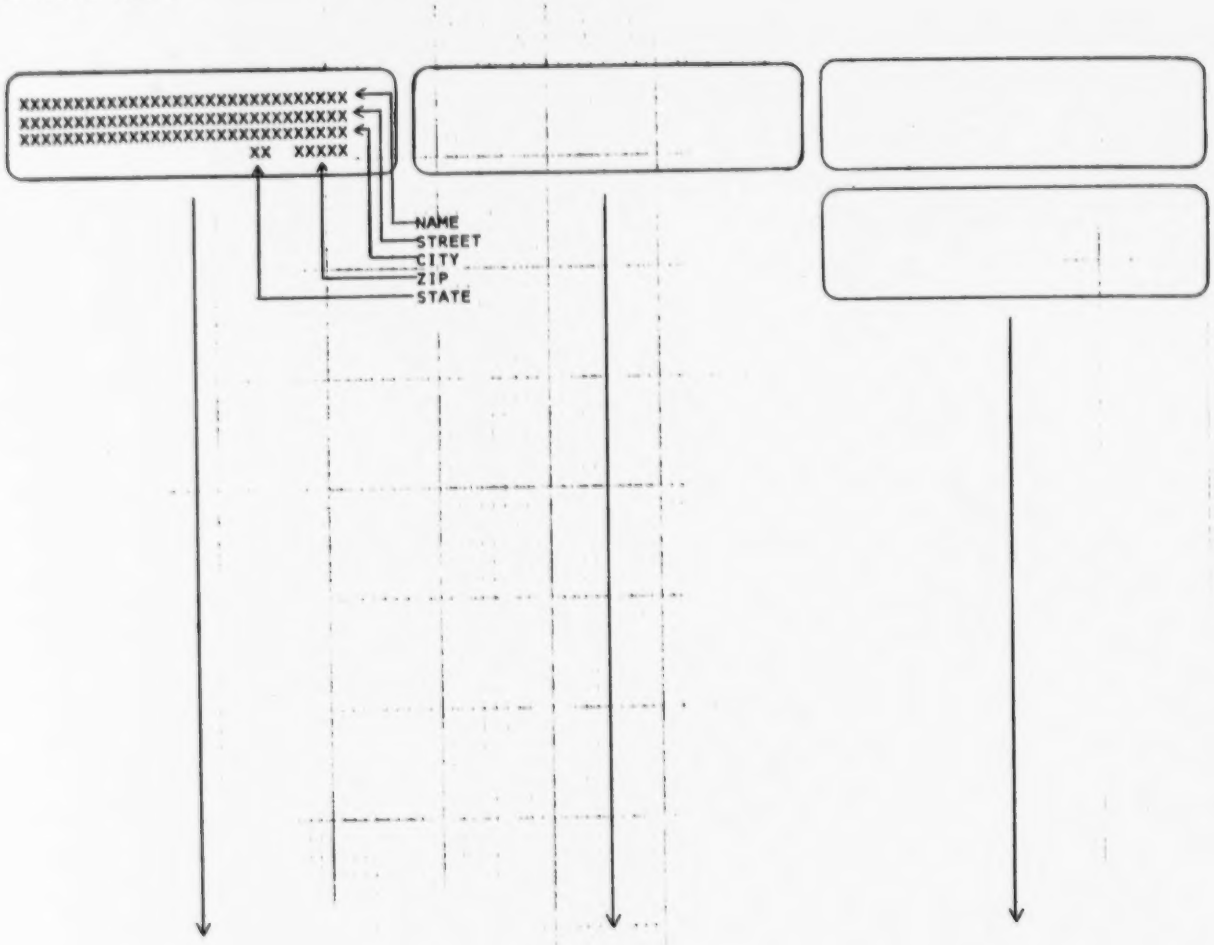
② -ERROR MESSAGE WHEN WAQC038 IS NOT PROCESSED NORMALLY.

EXHIBIT NO. WAQC.328

has been intentionally left out.

WAQC200 1 OF 1
3/24/77

MAILING LABELS AND REPORT CARDS MODULE
SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER
EXHIBIT WAQC.329



WAQC200 1 OF 1
3/24/77

MAILING LABELS AND REPORT CARDS MODULE
SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER

EXHIBIT WAQC.330

WAQC200

DATE XX/XX/XX

MODEL STATE INFORMATION SYSTEM
WATER QUALITY COMPLIANCE SUBSYSTEM

MONTHLY OPERATIONS REPORT UPDATE FORM

PAGE ZZZZ9

PWS-ID: XXXXXXX
NAME: XXXXXXXXXXXXXXXXXXXXXXXXXXXX
ADDRESS: XXXXXXXXXXXXXXXXXXXXXXXXXXXX
XX XXXXX

DATA ENTRY

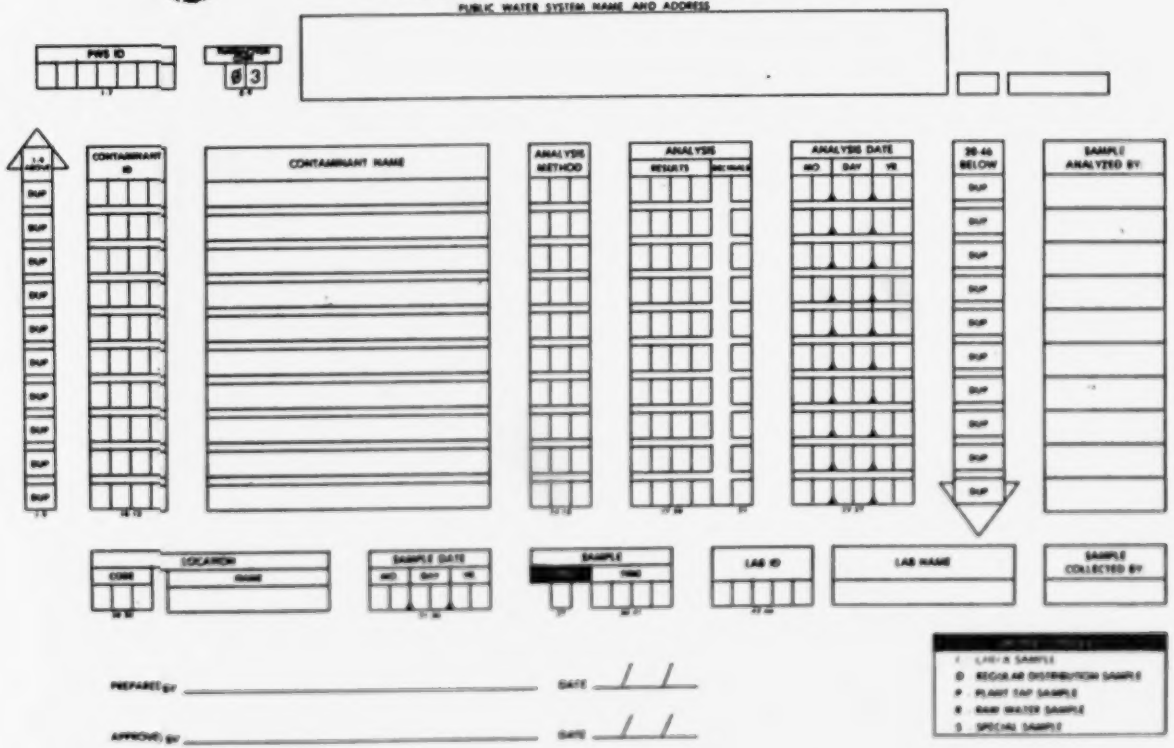
CARD COLUMN 1 - 7	XXXXXXX	(PWS ID)
CARD COLUMN 8 - 9	13	
CARD COLUMN 16-19	XXXX	(DATE LAST REPORT)

NOTE: PLEASE RETURN THIS FORM WITH YOUR MONTHLY OPERATION REPORT FOR XXXXXXXXX, 19XX

WAQC

MODEL STATE INFORMATION SYSTEM
WATER QUALITY COMPLIANCE SUBSYSTEM
CHEMICAL OR RADIOLOGICAL ANALYSIS INPUT FORM

WAQC, 8.00



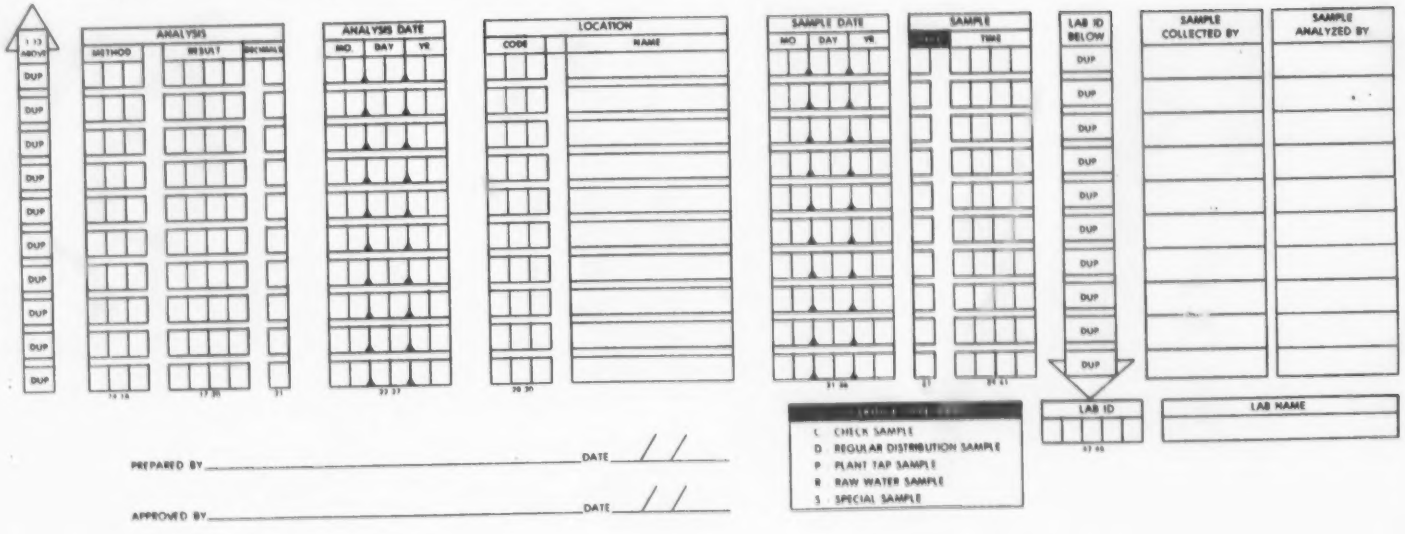
WAQC

MODEL STATE INFORMATION SYSTEM
WATER QUALITY COMPLIANCE SUBSYSTEM

WAQC . 801

BACTERIOLOGICAL OR TURBIDITY ANALYSIS INPUT FORM

PUBLIC WATER SYSTEM NAME AND ADDRESS



PREPARED BY _____ DATE / /

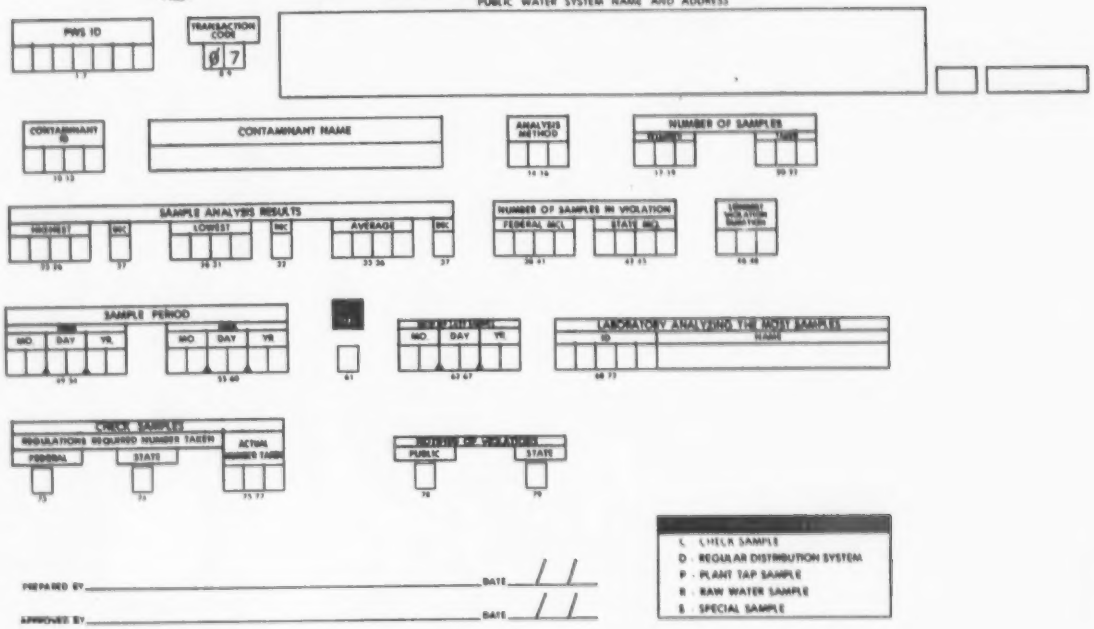
APPROVED BY _____ DATE / /

WAQC

MODEL STATE INFORMATION SYSTEM
WATER QUALITY COMPLIANCE SUBSYSTEM

WAQC, 402

BACTERIOLOGICAL OR TURBIDITY SUMMARY ANALYSIS INPUT SYSTEM



NOTES

FEDR010

MODEL STATE INFORMATION SYSTEM
FEDERAL REPORTING SUBSYSTEM

FEDR.100

PROCESSING OPTIONS FOR JOB_____

CARD ID: P A G C (1-4)

DATE: M D Y (5-10)

REPORTING PERIOD
FROM: M D Y (14 - 19)
TO: M D Y (20 - 25)

POSTAL STATE ABBREVIATION (26-27)

DEFAULT REPORTING PERIOD IF NONE IS ENTERED: LAST YEAR BASED ON THE DATE IN COLS. 5 - 10

PREPARED BY _____ DATE __/__/__

APPROVED BY _____ DATE __/__/__

NOTES

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :	DATE: 12-29-76	EXHIBIT: FEDR.200
	RECORD TYPE: Fixed	PAGE: 1 OF 2
	RECORD SIZE: 80	
	RECORD ACCESS KEY: DVFI-PROC-CARD-ID	
INPUT TO SUBSYSTEM (S) : Federal Reporting		
FILE NAME: Processing Options	FILE ID: DVFI	RECORD NAME: DVFI-PROC-RECORD

Temporary File

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Processing Options	FILE ID: DVFI	RECORD NAME: DVFI-PROC-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		DVFI-PROC-RECORD	GRP					1	80
03		DVFI-PROC-CARD-ID		A/N	X(4)			1	4
03		DVFI-PROC-CURRENT-DATE		A/N	X(6)			5	10
03		FILLER		A/N	X(3)			11	13
03		DVFI-PROC-START-DATE		A/N	X(6)			14	19
03		DVFI-PROC-END-DATE		A/N	X(6)			20	25
03		DVFI-PROC-STATE-CODE		A/N	X(2)			26	27
03		FILLER		A/N	X(53)			28	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) : Federal Reporting	DATE: 12-29-76	EXHIBIT: FEDR.201
	RECORD TYPE: Fixed	PAGE: 1 OF 2
	RECORD SIZE: 30	
	RECORD ACCESS KEY: DVFI-CURRENT-DATE	
INPUT TO SUBSYSTEM (S) : Federal Reporting		
FILE NAME: Date Options File (Temporary File)	FILE ID: DVFI	RECORD NAME: DVFI-DATE-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Date Options File	FILE ID: DVFI	RECORD NAME: DVFI-DATE-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		DVFI-DATE-RECORD	GRP					1	30
03		DVFI-CURRENT-DATE		A/N	X(6)			1	6
03		DVFI-CAL-START-DATE		A/N	X(6)			7	12
03		DVFI-JUL-START-DATE		N	9(5)			13	17
03		DVFI-CAL-END-DATE		A/N	X(6)			18	23
03		DVFI-JUL-END-DATE		N	9(5)			24	28
03		DVFI-STATE-CODE		A/N	X(2)			29	30

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) : Federal Reporting	**DATE:** 11-8-76 **EXHIBIT:** FEDR.202 **RECORD TYPE:** Fixed **PAGE:** 1 OF 3 **RECORD SIZE:** 62	**RECORD ACCESS KEY:** DVF-PSW-ID DVF-DEVIATION-TYPE DVF-DEVIATION-ID
INPUT TO SUBSYSTEM (S) :		
FILE NAME: Deviations File	**FILE ID:** DVF	**RECORD NAME:** DVF-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Deviations File	FILE ID: DVF	RECORD NAME: DVF-RECORD	PAGE: 2 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		DVF-RECORD	GRP					1	62
03		DVF-KEY	GRP					1	13
05		DVF-PWS-ID	492	A/N	X(7)			1	7
05		DVF-DEVIATION-TYPE	493	A/N	X(1)			8	8
05		DVF-DEVIATION-ID	494	A/N	X(5)			9	13
03		DVF-STATE-CODE	495	A/N	X(2)			14	15
03		DVF-DEVIATION-CODE	496	A/N	X(2)			16	17
03		DVF-STATUS-CODE	497	A/N	X(1)			18	18
03		DVF-CONTAMINANT-ID	498	A/N	X(4)			19	22
03		DVF-MODIFIED-MCL	499	A/N	X(5)			23	27
03		DVF-MODIFIED-MCL-DEC	500	A/N	X(1)			28	28
03		DVF-TREATMENT-CODE	501	A/N	X(3)			29	31
03		DVF-ALTERNATE-TREATMENT	502	A/N	X(3)			32	34
03		DVF-MODIFIED-FREQUENCY	503	A/N	X(3)			35	37

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Deviations File	FILE ID: DVF	RECORD NAME: DVF-RECORD	PAGE: 3 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03		DVF-EXPIRATION-VIOLATION-DATE	504	N	9(5)			38	42
03		DVF-VIOLATION-DURATION	505	N	9(3)			43	45
03		DVF-MILESTONE-CODE	506	A/N	X(2)			46	47
03		DVF-TARGET-DATE	507	N	9(5)			48	52
03		DVF-LAB-OWNER-TYPE	508	A/N	X(1)			53	53
03		DVF-ANALYSIS-METHOD	509	A/N	X(3)			54	56
03		DVF-ANALYSIS-RESULT	510	A/N	X(5)			57	61
03		DVF-ANALYSIS-DECIMAL	511	A/N	X(1)			62	62

FEDR010 AND 020 1 OF 1
1/4/77

BUILD MODIFIED PWF MODULE AND BUILD DVF MODULE
SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER
EXHIBIT FEDR.300

XXXXXXX ①
DATE XX/XX/XX

MODEL STATE INFORMATION SYSTEM
FEDERAL REPORTING SUBSYSTEM

COMPLETION REPORT

PAGE ZZZZ9

		TOTAL	% RELATIVE TO THE XXXXXXXXXXXXXXXX ②
③	1. NUMBER OF RECORDS ON THE PUBLIC WATER FILE	ZZZ,ZZZ,ZZ9	
	2. NUMBER OF RECORDS ON THE MODIFIED PUBLIC WATER FILE	ZZZ,ZZZ,ZZ9	ZZ9 %
④	1. NUMBER OF RECORDS ON THE VIOLATIONS FILE	ZZZ,ZZZ,ZZ9	
	2. NUMBER OF VIOLATION RECORDS ON THE DEVIATIONS FILE	ZZZ,ZZZ,ZZ9	ZZ9 %
	3. NUMBER OF VARIANCES AND EXEMPTIONS RECORDS ON THE DEVIATIONS FILE	ZZZ,ZZZ,ZZ9	
	4. NUMBER OF RECORDS ON THE DEVIATIONS FILE	ZZZ,ZZZ,ZZ9	

① - PROGRAM NAME FEDR010 OR FEDR020

② - PERCENT TITLE - PUBLIC WATER FILE FOR FEDR010
OR VIOLATIONS FILE FOR FEDR020

③ - DETAIL LINES TO BE USED FOR FEDR010

④ - DETAIL LINES TO BE USED FOR FEDR020

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NOTES

MSIS.100

MODEL STATE INFORMATION SYSTEM

STANDARD PROCESSING SUBSYSTEM

STANDARD HISTORY FILE PURGE

PROCESSING OPTIONS FOR JOB _____

CARD ID	CURRENT DATE M D Y	PURGE DATE M D Y	
P M M C			DATE USED TO DETERMINE WHICH RECORDS ARE TO BE PURGED
1-4	5-10	11-16	

STANDARD HISTORY PROCESSING OPTION: ☐ 17

SELECT THE CODE FOR THE TYPE OF HISTORY REPORT TO BE PRINTED
1 = DO NOT PRODUCE A REPORT
2 = PRINT ALL THE PURGED RECORDS

PREPARED BY _____ DATE __/__/__

APPROVED BY _____ DATE __/__/__

MODEL STATE INFORMATION SYSTEM
STANDARD PROCESSING SUBSYSTEM

MSIS.101

PROCESSING OPTIONS FOR JOB_____

CARD ID

P	A	O	C

1-4

DATE

M D Y

		/		/	

5-10

PREPARED BY _____ DATE __/__/__

APPROVED BY _____ DATE __/__/__

MODEL STATE INFORMATION SYSTEM

STANDARD PROCESSING SUBSYSTEM

MSIS.102

ERROR MESSAGE TABLE INPUT FORM

CARD ID	FILE ID	ERROR CODE	ERROR MESSAGE
1	2-3	4-6	7-34
		35-37	38-65
SKIP 1-9		4-6	7-34
		35-37	38-65
SKIP 1-9		4-6	7-34
		35-37	38-65
SKIP 1-9		4-6	7-34
		35-37	38-65
SKIP 1-9		4-6	7-34
		35-37	38-65

PREPARED BY _____ DATE __/__/__

APPROVED BY _____ DATE __/__/__

MODEL STATE INFORMATION SYSTEM

STANDARD PROCESSING SUBSYSTEM

MSIS.103

CODE VALUE TABLE INPUT FORM

CARD ID	FILE ID	D.E. CATALOG NUMBER	D.E. VALUE	D.E. LENGTH	D.E. DESCRIPTION
1	2-3	4-6	7-15	16	17-46
CVP					

PREPARED BY _____ DATE __/__/__

APPROVED BY _____ DATE __/__/__

MODEL STATE INFORMATION SYSTEM
STANDARD PROCESSING SUBSYSTEM

DATA ELEMENT TABLE INPUT FORM

CARD ID	FILE ID	D.E. CATALOGUE NUMBER	START POSITION TRANSACTION / FILE		FIELD LENGTH FILE/TRANSACTION		MNEMONIC NAME	HISTORY KEPT	
3									Y=YES N=NO
1	2-3	4-6	7-8	9-12	13-14	15-16	17-26	27	
DUP 1									Y=YES N=NO
.									Y=YES N=NO
.									Y=YES N=NO
.									Y=YES N=NO
.									Y=YES N=NO
.									Y=YES N=NO
.									Y=YES N=NO
.									Y=YES N=NO
.									Y=YES N=NO
.									Y=YES N=NO

PREPARED BY _____ DATE __/__/__

APPROVED BY _____ DATE __/__/__

EXHIBIT NO. MSIS.105

has been intentionally left out.

MODEL STATE INFORMATION SYSTEM

MSIS.108

STANDARD PROCESSING SUBSYSTEM

STANDARD HISTORY FILE

SELECTION FORM - DEFINITION OF DATA ELEMENTS

CARD ID	DATA ELEMENT MNEMONIC NAME	DATA ELEMENT COMPARATIVE VALUE	DATA ELEMENT LOGIC ID NO.
1-6	5-14	15-29	30-31
GAP 1 - 6			
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PREPARED BY _____ DATE __/__/__

APPROVED BY _____ DATE __/__/__

STANDARD PROCESSING SUBSYSTEM

STANDARD HISTORY FILE

SELECTION FORM - DEFINITION OF LOGIC FOR SELECTION

RELATION SYMBOLS: LT = LESS THAN GT = GREATER THAN NG = NOT GREATER THAN
EQ = EQUAL NL = NOT LESS THAN NX = NOT EXISTS (EMPTY)

CARD ID	DATA ELEMENT LOGIC ID NO.	RELATION SYMBOL	DATA ELEMENT LOGIC ID NO.	RELATION SYMBOL	DATA ELEMENT LOGIC ID NO.	RELATION SYMBOL	DATA ELEMENT LOGIC ID NO.	RELATION SYMBOL
S E L 2 (1-4)	01	5-6	02	7-8	03	9-10	04	11-12
	05	13-14	06	15-16	07	17-18	08	19-20
	09	21-22	10	23-24	11	25-26	12	27-28
	13	29-30	14	31-32	15	33-34	16	35-36
	17	37-38	18	39-40	19	41-42	20	43-44
	21	45-46	22	47-48	23	49-50	24	51-52
	25	53-54	26	55-56	27	57-58	28	59-60
	29	61-62	30	63-64	31	65-66	32	67-68
	33	69-70	34	71-72	35	73-74		

PREPARED BY _____ DATE __/__/__

APPROVED BY _____ DATE __/__/__

MSIS.108

MODEL STATE INFORMATION SYSTEM
STANDARD PROCESSING SUBSYSTEM

STANDARD HISTORY FILE SELECTION

SORT OPTIONS FOR JOB _____

CARD ID	SORT SEQUENCE	MNEMONIC NAME OF DATA ELEMENT	SORT MODE	
[S][O][R][T] 1-4	[ ][ ] 5-6	[ ][ ][ ][ ][ ][ ][ ][ ][ ][ ] 7-16	[ ] 17	A=ASCENDING D=DESCENDING
	[ ][ ] 18-19	[ ][ ][ ][ ][ ][ ][ ][ ][ ][ ] 20-29	[ ] 30	A=ASCENDING D=DESCENDING
	[ ][ ] 31-32	[ ][ ][ ][ ][ ][ ][ ][ ][ ][ ] 33-42	[ ] 43	A=ASCENDING D=DESCENDING
	[ ][ ] 44-45	[ ][ ][ ][ ][ ][ ][ ][ ][ ][ ] 46-55	[ ] 56	A=ASCENDING D=DESCENDING
	[ ][ ] 57-58	[ ][ ][ ][ ][ ][ ][ ][ ][ ][ ] 59-68	[ ] 69	A=ASCENDING D=DESCENDING

PREPARED BY _____ DATE __/__/__

APPROVED BY _____ DATE __/__/__

NOTES

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S):

Standard Processing
Owner Quality Compliance
Variances and Exemptions
Environmental Actions
Operator and Mailing

INPUT TO SUBSYSTEM (S):

Standard Processing

DATE: 1/12/77

EXHIBIT: MSIS.200

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 2

RECORD ACCESS KEY:

MSI-PROC-SUF-ID

FILE NAME: SUP Processing Options

FILE ID: MSI

RECORD NAME: MSI-PROC-SUF-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

SUB-SYSTEM: SHP Processing Options	FILE ID: MSI	RECORD NAME: MSI-PROC-SHP-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	DESCRIPTION	PROGRAM NAME	CAT. NO.					FROM	TO
01		MSI-PROC-SHP-RECORD	GRP					1	80
05		MSI-PROC-SHP-ID		A/N	X(4)			1	4
05		MSI-PROC-SHP-CURRENT-DATE		A/N	X(6)			5	10
05		FILLER		A/N	X(2)			11	12
05		MSI-PROC-SHP-REPORT-OPTION		A/N	X(1)			13	13
05		FILLER		A/N	X(65)			14	78
05		MSI-PROC-SHP-FILE-ID		A/N	X(2)			79	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S):

Standard Processing

DATE: 11-18-76

EXHIBIT: MSIS.201

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 2

RECORD ACCESS KEY:

DET-CARD-CODE
DET-FILE-ID
DET-CATALOGUE-NO

INPUT TO SUBSYSTEM (S):

Standard Processing
Water Quality Compliance
Variances and Exemptions
Operation and Mailing
Public Water System Inventory
Enforcements Actions

FILE NAME: Data Element Table

FILE ID: DET

RECORD NAME: DET-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

[illegible]	[illegible]	RECORD NAME: DET-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

LEVEL	DESCRIPTION	PROGRAM NAME	DATA SET	DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS FROM	POSITIONS TO
01		DET-RECORD	GRP					1	80
05		DET-KEY	GRP					1	6
10		DET-CNTY-CODE	285	A/N	X(1)			1	1
10		DET-STATE-ID	286	A/N	X(2)			2	3
10		DET-CNTY-SEQUENCE-NO	287	A/N	X(3)			4	6
05		DET-EVALUATION	288	N	9(2)			7	8
10		DET-STATE-EVALUATION	289	N	X(4)			9	12
05		DET-DATA-CLASS	290	N	9(2)			13	14
05		DET-DATA-CLASS	291	N	9(2)			15	16
05		DET-MNEMONIC-NAME	292	A/N	X(10)			17	26
05		DET-EQUIP-CODE	293	A/N	X(1)			27	27
05		FILLER		A/N	X(53)			28	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Standard Processing
Water Quality Compliance
Variances and Exemptions
Enforcement Actions
Operator and Mailing

DATE: 10-13-76

EXHIBIT: MSIS.202

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 2

RECORD ACCESS KEY:

SHF-FILE-ID
SHF-RECORD-ID
SHF-CATALOGUE-NO
SHF-CUR-UPDATE-DATE

INPUT TO SUBSYSTEM (S) :

Standard Processing

FILE NAME: Standard History File

FILE ID: SHF

RECORD NAME: SHF-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Standard History File	FILE ID: SHF	RECORD NAME: SHF-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		SHF-RECORD	GRP					1	80
03		SHF-KEY	GRP					1	15
05	SH-FILE-ID	SHF-FILE-ID	301	A/N	X(2)			1	2
05	SH-REC-ID	SHF-RECORD-ID	302	A/N	X(5)			3	7
05	SH-CAT-NO	SHF-CATALOGUE-NO	303	A/N	X(3)			8	10
05	SH-CUR-UP	SHF-CUR-UPDATE-DATE	304	N	9(5)			11	15
03	SH-LST-UP	SHF-LAST-UPDATE-DATE	305	N	9(5)			16	20
03	SH-OLD-VAL	SHF-OLD-VALUE	306	A/N	X(30)			21	50
03	SH-NEW-VAL	SHF-NEW-VALUE	307	A/N	X(30)			51	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

DATE: 10-15-76

EXHIBIT: MSIS.203

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 2

RECORD ACCESS KEY:

INPUT TO SUBSYSTEM (S) :

Standard Processing

Processing Option

FILE NAME: Standard History Purge

FILE ID: MSI

RECORD NAME: MSIS-PROC-SHF-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Standard History Purge	FILE ID: MSI	RECORD NAME: MSIS-PROC-SHF-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		MSI-PROC-SHF-RECORD	GRP					1	80
03		MSI-PROC-SHF-ID		A/N	X(4)			1	4
03		MSI-PROC-SHF-CURRENT-DATE		A/N	X(6)			5	10
03		FILLER		A/N	X(6)			11	16
03		MSI-PROC-SHF-REPORT-OPTION		A/N	X(1)			17	17
03		FILLER		A/N	X(65)			18	78
03		MSI-PROC-SHF-FILE-ID		A/N	X(2)			79	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :	DATE: 10-5-76	EXHIBIT: MSIS.204
	RECORD TYPE: Fixed	PAGE: 1 OF 2
	RECORD SIZE: 80	
	RECORD ACCESS KEY:	
INPUT TO SUBSYSTEM (S) : Standard Processing		
FILE NAME: Processing Option File	FILE ID: MSI	RECORD NAME: MSI-PROC-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Processing Option File	FILE ID: MSI	RECORD NAME: MSI-PROC-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		MSI-PROC-RECORD						1	80
03		MSI-PROC-ID		A/N	X(4)			1	4
03		MSI-PROC-DATE		A/N	X(6)			5	10
03		FILLER		A/N	X(70)			11	80

500

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

501

OUTPUT OF SUBSYSTEM (S) :

Standard Processing

INPUT TO SUBSYSTEM (S) :

Standard Processing

DATE: 10-13-76

EXHIBIT: MSIS.205

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 2

RECORD ACCESS KEY:

EMT-CARD-CODE
EMT-FILE-ID

FILE NAME: Error Message Table

FILE ID: EMT

RECORD NAME: EMT-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Error Message Table	FILE ID: EMT	RECORD NAME: EMT-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		EMT-RECORD	GRP					1	80
03		EMT-KEY	GRP					1	3
05		EMT-CARD-CODE	294	A/N	X(1)			1	1
05		EMT-FILE-ID	295	A/N	X(2)			2	3
03		EMT-ERROR-INFORMATION	GRP			2		4	65
05		EMT-ERROR-CODE	296	A/N	X(3)				
05		EMT-ERROR-MESSAGE	297	A/N	X(28)				
03		FILLER		A/N	X(15)			66	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Standard Processing

DATE: 10-5-76

EXHIBIT: MSIS.206

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 2

RECORD ACCESS KEY:

CVT-CARD-CODE
CVT-FILE-ID
CVT-CATALOGUE-NO
CVT-DATA-EL-VALUE

INPUT TO SUBSYSTEM (S) :

Standard Processing
Public Water System Inventory
Regulations
Water Quality Compliance
Enforcement Actions
Federal Reporting
Variances and Exemptions
Operator and Mailing

FILE NAME: Code Value Table

FILE ID: CVT

RECORD NAME: CVT-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Code Value Table	FILE ID: CVT	RECORD NAME: CVT-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		CVT-RECORD	GRP					1	80
03		CVT-KEY	GRP					1	15
05		CVT-CARD-CODE	279	A/N	X(1)			1	1
05		CVT-FILE-ID	280	A/N	X(2)			2	3
05		CVT-CATALOGUE-NO	281	A/N	X(3)			4	6
05		CVT-DATA-EL-VALUE	282	A/N	X(9)			7	15
03		CVT-DATA-LENGTH	283	N	X(1)			16	16
03		CVT-DATA-EL-DESC	284	A/N	X(30)			17	46
03		FILLER		A/N	X(34)			47	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Standard Processing
Public Water System Inventory
Water Quality Compliance
Enforcement Actions
Operator and Mailing
Variances and Exemptions

DATE: 10-15-76

EXHIBIT: MSIS.207

RECORD TYPE: Fixed

RECORD SIZE: 260

PAGE: 1 OF 2

RECORD ACCESS KEY:

SEF-TRANS

INPUT TO SUBSYSTEM (S) :

Standard Processing

FILE NAME: Standard Error File

FILE ID: SEF

RECORD NAME: SFF-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Standard Error File	FILE ID: SEF	RECORD NAME: SEF-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		SEF-RECORD	GRP					1	260
03		SEF-KEY	GRP					1	80
05		SEF-TRANSACTION	298	A/N	X(80)			1	80
03		SEF-ERROR-INFORMATION	GRP			30		81	260
05		SEF-CATALOGUE-NO	299	A/N	X(3)				
05		SEF-ERROR-CODE	300	A/N	X(3)				

506

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :	DATE: 11-16-76	EXHIBIT: MSIS.208
	RECORD TYPE: Fixed RECORD SIZE: 260	PAGE: 1 OF 2
	RECORD ACCESS KEY: MSI-PROC-SEF-KEY	
INPUT TO SUBSYSTEM (S) : Standard Processing Processing Option		
FILE NAME: Standard Error File	FILE ID: MSI	RECORD NAME: MSI-PROC-SEF-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Standard Error File	FILE ID: MSI	RECORD NAME: MSI-PROC-SEF-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		MSI-PROC-SEF-RECORD	GRP					1	260
03		MSI-PROC-SEF-KEY	GRP					1	80
05		MSI-PROC-SEF-ID		A/N	X(4)			1	4
05		MSI-PROC-SEF-DATE		A/N	X(6)			5	10
05		MSI-PROC-SEF-OUTPUT		A/N	X(1)			11	11
05		MSI-PROC-SEF-FIELD-SELECT		A/N	X(1)			12	12
05		FILLER		A/N	X(66)			13	78
05		MSI-PROC-SEF-FILE-ID		A/N	X(2)			79	80
03		FILLER		A/N	X(180)			81	260

EXHIBIT NO. MSIS.209

has been intentionally left out.

NOTES

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :	DATE: 3/2/77	EXHIBIT: MSIS.210
	RECORD TYPE: Fixed RECORD SIZE: 80	PAGE: 1 OF 2
	RECORD ACCESS KEY: MSI-SEL-1-ID	
INPUT TO SUBSYSTEM (S) : Standard Processing		
FILE NAME: Processing Options	FILE ID: MSI	RECORD NAME: MSI-SELECT-1-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME:	Processing Options	FILE ID:	MSI	RECORD NAME:	MSI-SELECT-1-RECORD	PAGE:	2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		MSI-SELECT-1-RECORD	GRP					1	80
03		MSI-SELECT-1-ID		A/N	X(4)			1	4
03		MSI-SELECT-1-MNEMONIC		A/N	X(10)			5	14
03		MSI-SELECT-1-DE-VALUE		A/N	X(15)			15	29
03		MSI-SELECT-1-DE-NO		A/N	X(2)			30	31
03		FILLER		A/N	X(49)			32	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :	DATE: 3/2/77	EXHIBIT: MSIS.211
	RECORD TYPE: Fixed	PAGE: 1 OF 2
	RECORD SIZE: 80	
	RECORD ACCESS KEY: MSI-SEL-2-ID	
INPUT TO SUBSYSTEM (S) : Standard Processing		
FILE NAME: Processing Options	FILE ID: MSI	RECORD NAME: MSI-SELECT-2-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Processing Options	FILE ID: MSI	RECORD NAME: MSI-SELECT-2-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		MSI-SELECT-2-RECORD	GRP					1	80
03		MSI-SELECT-2-ID		A/N	X(4)			1	4
03		MSI-SELECT-2-REL-SYMBOL	GRP			35		5	74
05		MSI-SELECT-2-SYMBOL		A/N	X(2)				
03		Filler		A/N	X(6)			75	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :	DATE: 1/12/77	EXHIBIT: MSIS.212
	RECORD TYPE: Fixed	PAGE: 1 OF 2
	RECORD SIZE: 80	
	RECORD ACCESS KEY: MSI-SORT-ID	
INPUT TO SUBSYSTEM (S) : Standard Processing		
FILE NAME: Sort Processing Options / FILE ID: MSI		RECORD NAME: MSI-SORT-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Sort Processing Options	FILE ID: MSI	RECORD NAME: MSI-SORT-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		MSI-SORT-RECORD						1	80
03		MSI-SORT-ID		A/N	X(4)			1	4
03		MSI-SORT-INFO	GRP	A/N		5		5	69
05		MSI-SORT-SEQUENCE		N	x(2)				
05		MSI-SORT-MNEMONIC		A/N	X(10)				
05		MSI-SORT-MODE		A	X(1)				
03		FILLER		A/N	X(11)			70	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Standard Processing

DATE: 2-28-77

EXHIBIT: MSIS.213

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 2

RECORD ACCESS KEY:

SHF-T-KEY

INPUT TO SUBSYSTEM (S) :

Temporary File

FILE NAME: Purged SHF

FILE ID: SHF

RECORD NAME: SHF-T-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Purged SHF	FILE ID: SHF-T	RECORD NAME: SHF-T-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		SHF-T-RECORD	GRP					1	80
03		SHF-T-KEY	GRP					1	15
05		SHF-T-FILE-ID		A/N	X(2)			1	2
05		SHF-T-RECORD-ID		A/N	X(5)			3	7
05		SHF-T-CATALOGUE-NO		A/N	X(3)			8	10
05		SHF-T-CUR-UPDATE-DATE		A/N	9(5)			11	15
03		SHF-T-LAST-UPDATE-DATE		A/N	9(5)			16	20
03		SHF-T-OLD-VALUE		A/N	X(30)			21	50
03		SHF-T-NEW-VALUE		A/N	X(30)			51	80

EXHIBIT NO. MSIS.214

has been intentionally left out.

NOTES

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Standard Processing

INPUT TO SUBSYSTEM (S) :

Standard Processing
Public Water System Inventory
Water Quality Compliance
Variances and Exemptions
Enforcement Actions
Operator and Mailing

DATE: 10-5-76

EXHIBIT: MSIS.215

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 2

RECORD ACCESS KEY:

OEF-TRANSACTION

FILE NAME: Optional Error File

FILE ID: OEF

RECORD NAME: OEF-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Optional Error File	FILE ID: OEF	RECORD NAME: OEF-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		OEF-RECORD	GRP					1	80
03		OEF-TRANSACTION	GRP					1	80
05		OEF-MAX-KEY	308	A/N	X(26)			1	26
05		OEF-REST-OF-TRAN	309	A/N	X(54)			27	80

VARIES

1 OF 1
10/28/76

THIS REPORT IS PRODUCED BY ANY MODULE THAT NEEDS AN UPDATE STATISTICS REPORT
SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER

EXHIBIT MSIS.300

MODEL STATE INFORMATION SYSTEM
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX ②

XXXXXXX ①

STANDARD UPDATE STATISTICS REPORT

PAGE ZZZZ9

DATE XX/XX/XX

	TOTAL	% RELATIVE TO THE ORIGINAL FILE
1. NUMBER OF RECORDS ORIGINALLY ON THE FILE	ZZZ,ZZZ,ZZ9	
2. NUMBER OF ACCEPTABLE DATA ENTRY TRANSACTIONS	ZZZ,ZZZ,ZZ9	
3. NUMBER OF STANDARD ERROR RECORDS CREATED	ZZZ,ZZZ,ZZ9	
4. NUMBER OF RECORDS MODIFIED ON THE FILE	ZZZ,ZZZ,ZZ9	ZZZ9 %
5. NUMBER OF NEW RECORDS ADDED TO THE FILE	ZZZ,ZZZ,ZZ9	ZZZ9 %
6. NUMBER OF RECORDS DELETED FROM THE FILE	ZZZ,ZZZ,ZZ9	ZZZ9 %
7. NUMBER OF RECORDS NOW ON THE FILE	ZZZ,ZZZ,ZZ9	ZZZ9 %

① PROGRAM NAME

② SUBSYSTEM NAME

MSIS020 1 OF 1
10/13/76

SHF MAINTENANCE MODULE
SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER
EXHIBIT MSIS.301

MODEL STATE INFORMATION SYSTEM
STANDARD PROCESSING SUBSYSTEM

MSIS020

DATE XX/XX/XX

UPDATE REPORT FOR XXXXXXXXXXXXXXXXXXXXXXXXXXXX ①
OPTION: XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX ②

PAGE ZZZZ9

ID FILE/RECORD	LAST UPDATE	CURRENT UPDATE	DATA ELEMENT MNEMONIC	DATA ELEMENT CAT NUM	DATA ELEMENT HISTORY	OLD VALUE	NEW VALUE
XX XXXXX	XX/XX/XX	XX/XX/XX	XXXXXXXXXX	XXX	X	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

① X'S WILL BE REPLACED BY ONE OF THE FOLLOWING:

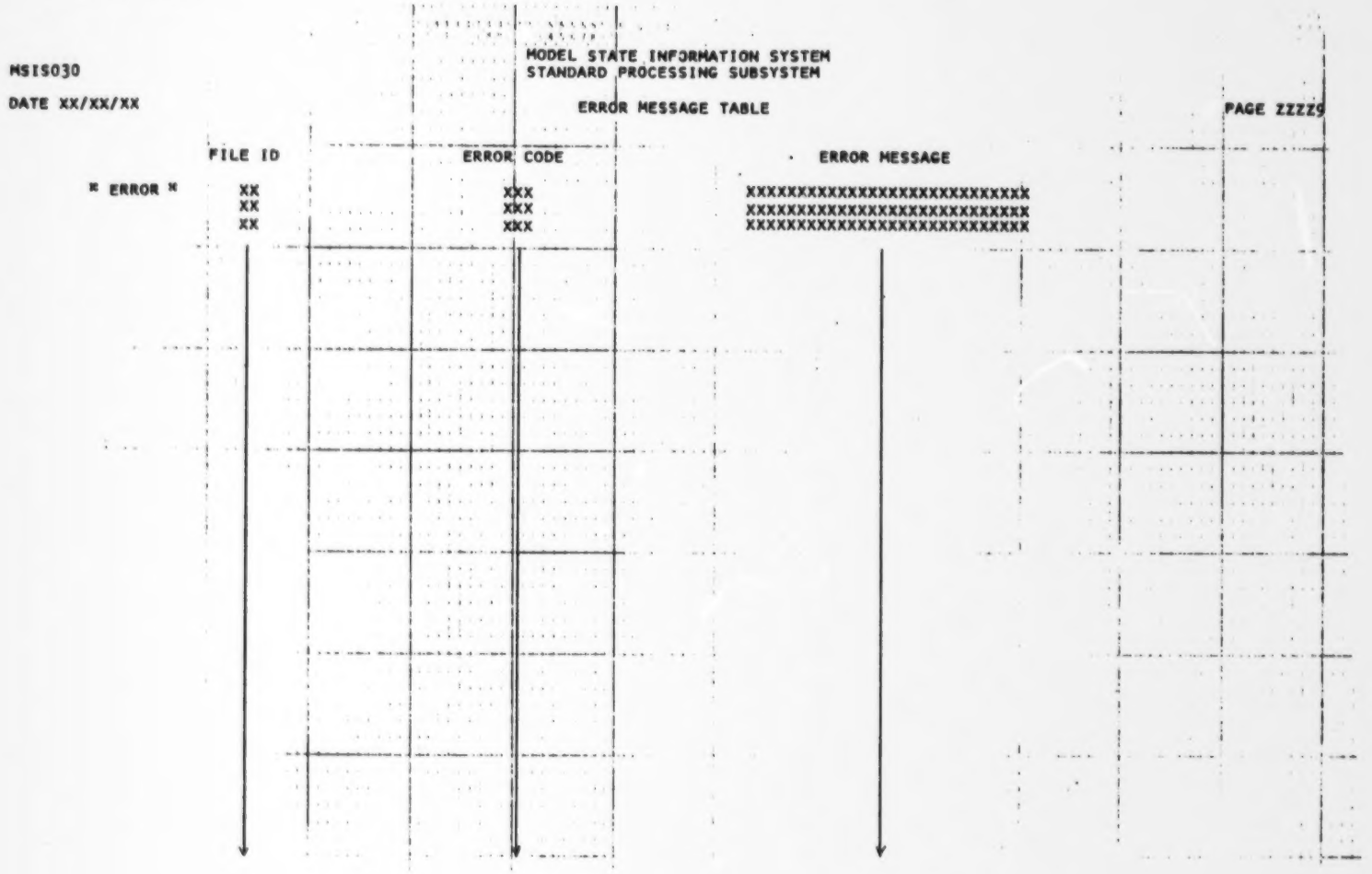
A. VIOLATIONS FILE
B. VARIANCES AND EXEMPTIONS FILE
C. ENFORCEMENT ACTIONS FILE
D. OPERATOR AND MAILING FILE

② X'S WILL BE REPLACED BY ONE OF THE FOLLOWING:

A. CURRENT RECORDS UPDATE REPORT
B. CURRENT FILE RECORDS REPORT
C. ENTIRE MSIS HISTORY REPORT
D. NO DETAIL REPORT

MSIS030 1 OF 1
10/15/76

STANDARD TABLES CREATION
SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER
EXHIBIT MSIS.302



MSIS030 1 OF 1
10/15/76

STANDARD TABLES CREATION
SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER
EXHIBIT MSIS.303

MSIS030 MODEL STATE INFORMATION SYSTEM
STANDARD PROCESSING SUBSYSTEM
PAGE ZZZZ9

DATE XX/XX/XX

CODE VALUE TABLE

	FILE ID	DATA ELEMENT CATALOGUE NO	DATA ELEMENT LENGTH	DATA ELEMENT VALUE	DATA ELEMENT DESCRIPTION
* ERROR *	XX	XXX	X	XXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
	XX	XXX	X	XXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
	XX	XXX	X	XXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXX

MSIS030 1 OF 1
10/5/76

STANDARD TABLES CREATION MODULE
SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER
EXHIBIT MSIS.304

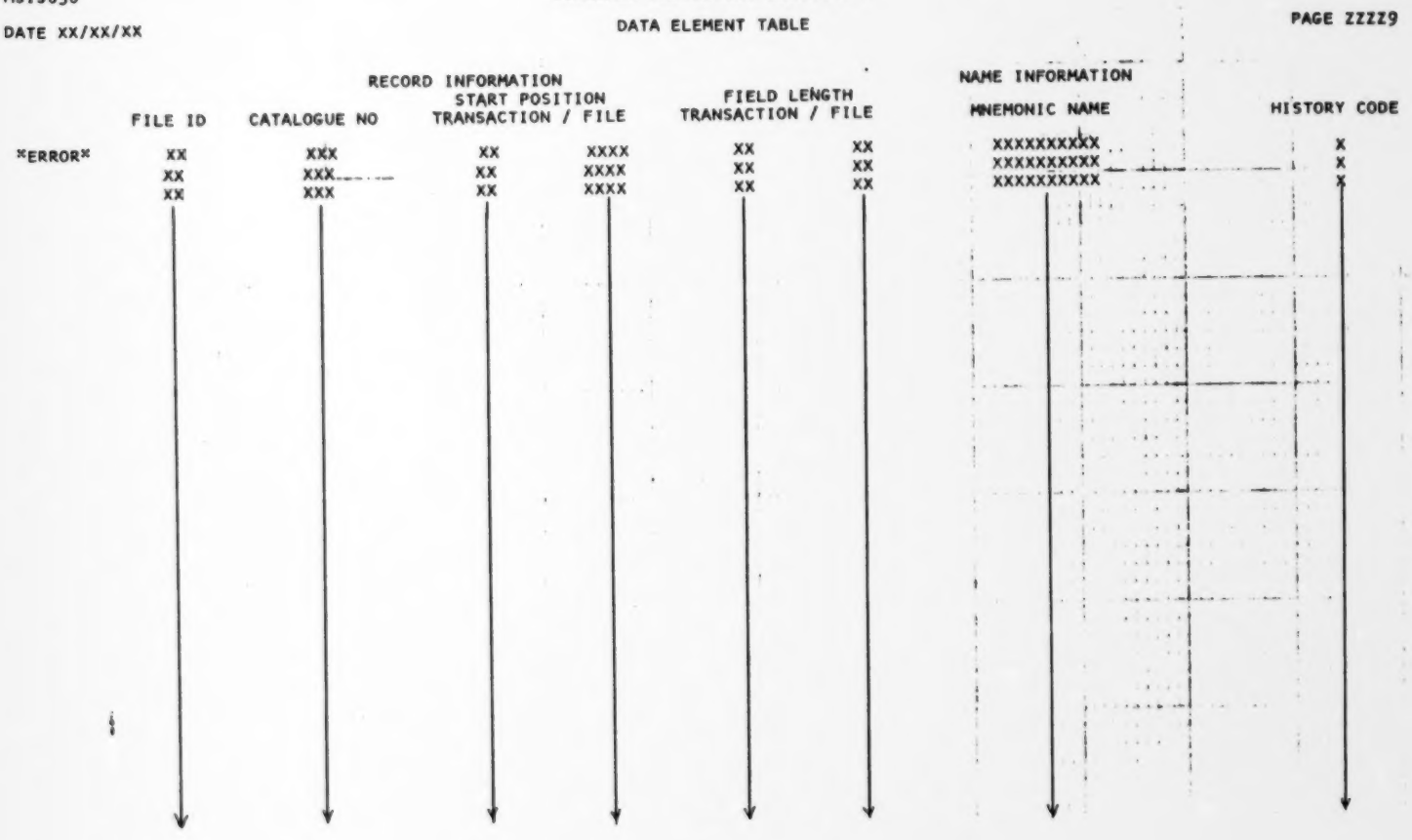
MODEL STATE INFORMATION SYSTEM
STANDARD PROCESSING SUBSYSTEM

MSIS030

DATE XX/XX/XX

DATA ELEMENT TABLE

PAGE ZZZZ9



MSIS050 1 of 1
10/15/76

SHF PURGE MODULE
SouthWestern Ohio Regional Computer Center
EXHIBIT MSIS.305

MODEL STATE INFORMATION SYSTEM
STANDARD PROCESSING SUBSYSTEM

MSIS050 PURGE OF THE STANDARD HISTORY FILE PAGE ZZZZ9
DATE XX/XX/XX PURGE DATE: XX/XX/XX

	ID FILE/RECORD	LAST UPDATE	CURRENT UPDATE	DATA ELEMENT MNEMONIC	DATA ELEMENT CATALOGUE NUMBER	OLD VALUE	NEW VALUE
RECORD 1	XX XXXXX	XX/XX/XX	XX/XX/XX	XXXXXXXXXX	XXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
RECORD 2	XX XXXXX	XX/XX/XX	XX/XX/XX	XXXXXXXXXX	XXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
	XX XXXXX	XX/XX/XX	XX/XX/XX	XXXXXXXXXX	XXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

MSIS040 1 OF 1
10/14/76

SHF SELECTION MODULE
SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER
EXHIBIT MSIS.306

MODEL STATE INFORMATION SYSTEM

XXXXXXX (2) XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX (1)

DATE XX/XX/XX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX (3) PAGE ZZZZ9

SORT SEQUENCE

	MNEMONIC NAME	SORT MODE
1.	XXXXXXXXXX	X
2.	XXXXXXXXXX	X
10.	XXXXXXXXXX	X

RELATION SYMBOLS: LT = LESS THAN NL = NOT LESS THAN EQ = EQUALS
GT = GREATER THAN NG = NOT GREATER THAN NX = NOT EXISTS (EMPTY)

SELECTION CRITERIA

	MNEMONIC	SYMBOL	VALUE		MNEMONIC	SYMBOL	VALUE	
1.	XXXXXXXXXX	XX	XXXXXXXXXXXXXXX	AND	XXXXXXXXXX	XX	XXXXXXXXXXXXXXX	AND
	XXXXXXXXXX	XX	XXXXXXXXXXXXXXX	AND	...			
	* RECORDS SELECTED		ZZZ,ZZ9					
2.	XXXXXXXXXX	XX	XXXXXXXXXXXXXXX					
	* RECORDS SELECTED		ZZZ,ZZ9					
	** TOTAL RECORDS SELECTED		ZZZ,ZZ9	% OF WHICH WAS SELECTED ZZ9 %				

(1) SUBSYSTEM NAME
(2) PROGRAM NUMBER
(3) REPORT NAME

MSIS040 1 OF 1
10/14/76

SHF SELECTION MODULE

SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER

EXHIBIT MSIS.307

MODEL STATE INFORMATION SYSTEM

MSIS040

STANDARD HISTORY PROCESSING
SELECTION OF THE STANDARD HISTORY FILE

PAGE ZZZZ9

DATE XX/XX/XX

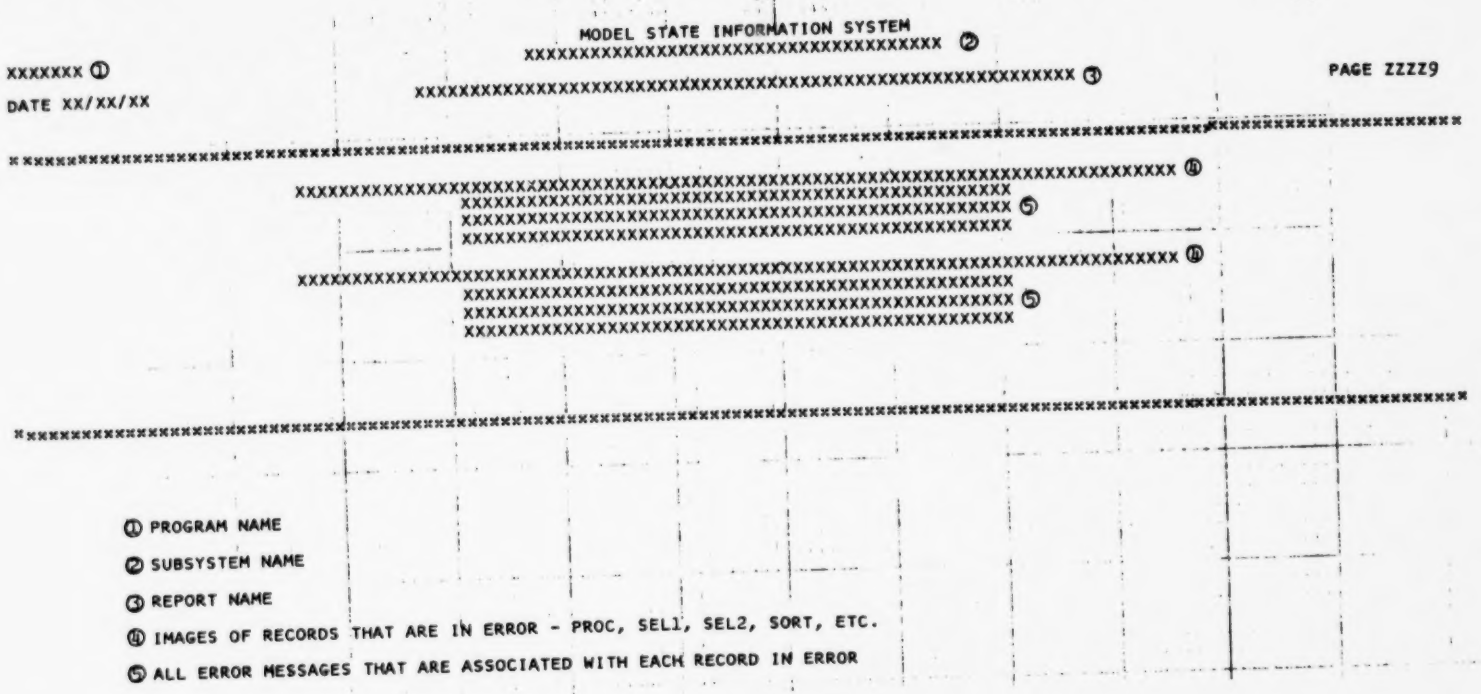
	ID FILE/RECORD	LAST UPDATE	CURRENT UPDATE	DATA ELEMENT MNEMONIC	DATA ELEMENT CATALOGUE NUMBER	OLD VALUE	NEW VALUE
RECORD 1	XX XXXXX	XX/XX/XX	XX/XX/XX	XXXXXXXXXX	XXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
RECORD 2	XX XXXXX	XX/XX/XX	XX/XX/XX	XXXXXXXXXX	XXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

```
          MSIS030                        1 OF 1
                                         10/5/76
 STANDARD TABLES CREATION MODULE
          SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER
EXHIBIT MSIS.308

                                          MODEL STATE INFORMATION SYSTEM
 MSIS030                                   STANDARD PROCESSING SUBSYSTEM
 DATE XX/XX/XX                                 ERROR IN CARD CODE                                  PAGE ZZZZ9
  *ERROR*          XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
```

MSIS010 1 OF 1
10/28/76

STANDARD ERROR PROCESSING
SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER
EXHIBIT MSIS.309



① PROGRAM NAME
② SUBSYSTEM NAME
③ REPORT NAME
④ IMAGES OF RECORDS THAT ARE IN ERROR - PROC, SEL1, SEL2, SORT, ETC.
⑤ ALL ERROR MESSAGES THAT ARE ASSOCIATED WITH EACH RECORD IN ERROR

This report is produced by several modules that require a warning report.

SouthWestern Ohio Regional Computer Center

EXHIBIT MSIS.310

MODEL STATE INFORMATION SYSTEM

XXXXXXX ① XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX ②

DATE XX/XX/XX ***** STANDARD WARNING REPORT ****** PAGE ZZZZ9

RECORD ID	DATA ELEMENT NAME	WARNING MESSAGE
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

① Program Name

② Subsystem Name

VARIES

THE REPORT IS PRODUCED BY SEVERAL MODULES THAT REQUIRE A SORT SEQUENCE REPORT.
SouthWestern Ohio Regional Computer Center

EXHIBIT MSIS.311

XXXXXXX ①

DATE XX/XX/XX

MODEL STATE INFORMATION SYSTEM
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX ②

STANDARD SORT SEQUENCE REPORT

PAGE ZZZZ9

SORT SEQUENCE

	MNEMONIC NAME	SORT MODE
1.	XXXXXXXXXX	X
2.	XXXXXXXXXX	X
3.	XXXXXXXXXX	X
4.	XXXXXXXXXX	X
5.	XXXXXXXXXX	X
6.	XXXXXXXXXX	X
7.	XXXXXXXXXX	X
8.	XXXXXXXXXX	X
9.	XXXXXXXXXX	X
10.	XXXXXXXXXX	X

① PROGRAM NAME

② SUBSYSTEM NAME

PRINT VARIES PAGE 1 OF 1

10/15/76

THIS REPORT IS PRODUCED BY ANY MODULE THAT NEEDS A SELECTION STATISTICS REPORT.

SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER

EXHIBIT MSIS.312

XXXXXXX ①

MODEL STATE INFORMATION SYSTEM
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX ②

DATE XX/XX/XX

STANDARD SELECTION STATISTICS REPORT

PAGE ZZZZ9

RELATION SYMBOLS: LT = LESS THAN NL = NOT LESS THAN EQ = EQUALS
GT = GREATER THAN NG = NOT GREATER THAN NX = NOT EXITS (EMPTY)

SELECTION CRITERIA

	MNEMONIC	SYMBOL	VALUE		MNEMONIC	SYMBOL	VALUE	
1.	XXXXXXXXXX	XX	XXXXXXXXXXXXXXX	AND	XXXXXXXXXX	XX	XXXXXXXXXXXXXXX	AND
	XXXXXXXXXX	XX	XXXXXXXXXXXXXXX	AND	...			

* RECORDS SELECTED ZZZ,ZZ9

2. XXXXXXXXXX XX XXXXXXXXXXXXXXX

* RECORDS SELECTED ZZZ,ZZ9

** TOTAL RECORDS SELECTED ZZZ,ZZ9 % OF FILE WHICH WAS SELECTED ZZ9 %

① PROGRAM NAME

② SUBSYSTEM NAME

```
MSIS010                                1 OF 1
                                       11/18/76
STANDARD ERROR PROCESSING MODULE
          SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER
EXHIBIT MSIS.313

                                    MODEL STATE INFORMATION SYSTEM
                                     STANDARD PROCESSING SUBSYSTEM
MSIS010
                                         DATA ENTRY ERROR REPORT                          PAGE ZZZZ9
DATE XX/XX/XX                      FOR SUBSYSTEM:  XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX  ①

                                                                                  DATA
ERROR                                                                             ELEMENT COLUMNS    EXPLANATIONS
NUMBER 234567890123456789012345678901234567890123456789012345678901234567890
 XXX   XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXX XX-XX XXXXXXXXXXXXXXXXXXXXXXXXXXXX
```

① X'S WILL BE REPLACED BY ONE OF THE FOLLOWING:

A. PUBLIC WATER SYSTEM INVENTORY
B. WATER QUALITY COMPLIANCE
C. REGULATIONS
D. VARIANCES AND EXEMPTIONS
E. ENFORCEMENT ACTIONS
F. OPERATOR AND MAILING
G. STANDARD PROCESSING

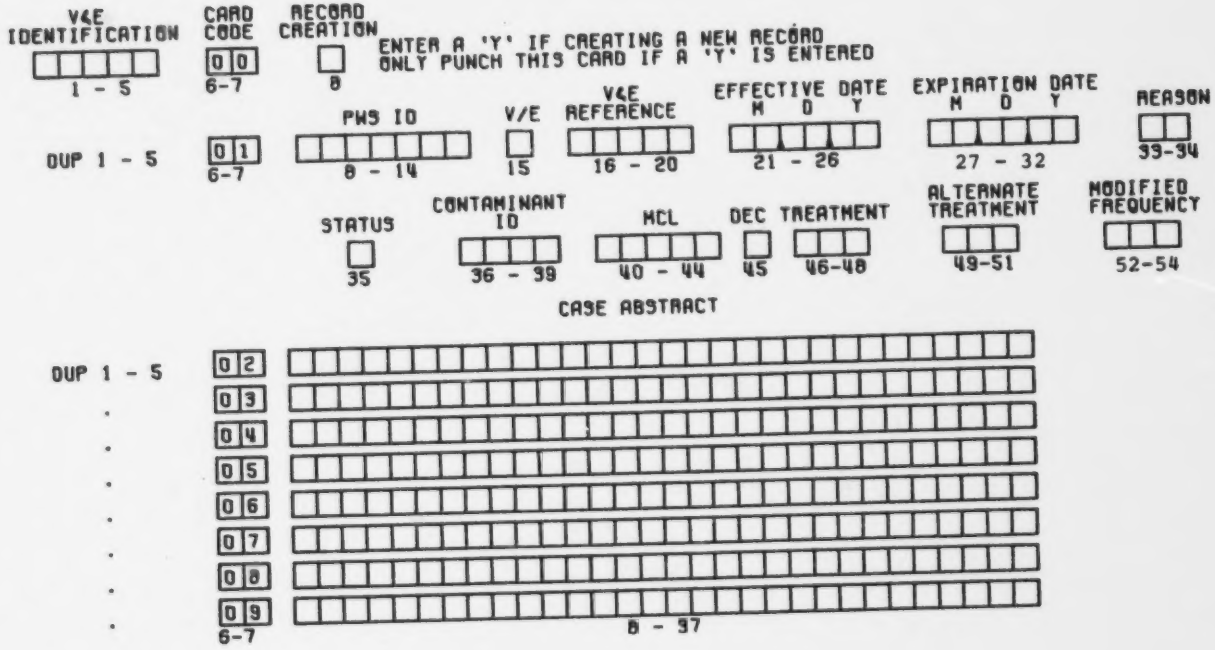
② SEE ATTACHED SHEETS FOR ERROR DESCRIPTIONS

VAEX010

MODEL STATE INFORMATION SYSTEM
VARIANCES AND EXEMPTIONS SUBSYSTEM

VAEX.100

RECORD CREATION AND MAINTENANCE FORM



PREPARED BY _____ DATE __/__/__

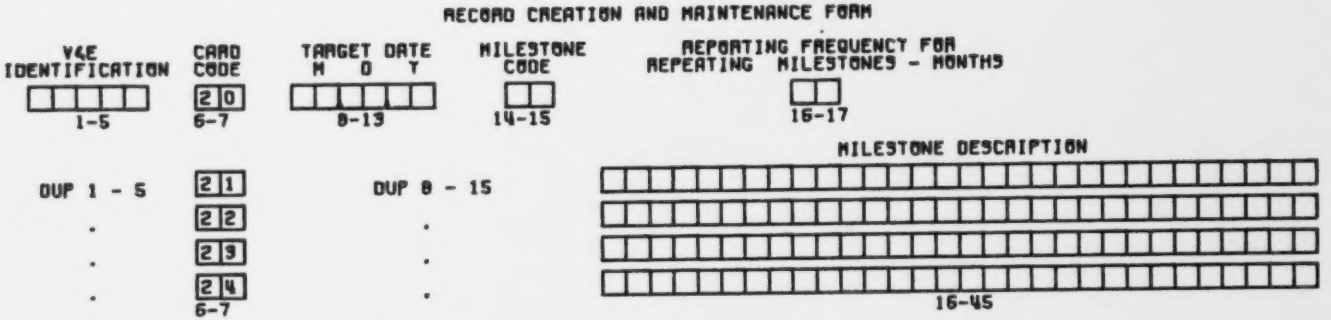
APPROVED BY _____ DATE __/__/__

VAEX010

MODEL STATE INFORMATION SYSTEM
VARIANCES AND EXEMPTIONS SUBSYSTEM

VAEX.101

RECORD CREATION AND MAINTENANCE FORM



DATE/DELAY/DELETION REPORTING

PREPARED BY _____ DATE __/__/__

APPROVED BY _____ DATE __/__/__

VAEX010

MODEL STATE INFORMATION SYSTEM

VARIANCES AND EXEMPTIONS SUBSYSTEM

VAEX.102

PROCESSING OPTIONS FOR JOB_____

CARD ID: P R O C (1 - 4)

DATE: M D Y (5 - 10)

STANDARD ERROR PROCESSING OPTIONS:

☐ (11) Y = YES, N = NO — CREATE A SPECIAL FILE OF ERROR RECORDS

☐ (12) Y = YES, N = NO — PRINT ONLY THE DATA ELEMENT FIELDS WHICH ARE IN ERROR - NOT THE ENTIRE RECORD

STANDARD HISTORY PROCESSING OPTION: ☐ (13)

SELECT THE CODE FOR THE TYPE OF HISTORY REPORT TO BE PRINTED
- 1 = ONLY NEW STANDARD HISTORY FILE RECORDS
- 2 = ALL THE STANDARD HISTORY FILE RECORDS WHICH WERE EVER CREATED FROM THIS SUBSYSTEM
- 3 = THE ENTIRE STANDARD HISTORY FILE
- 4 = DO NOT PRINT A REPORT

REPORT OPTIONS:

☐ (14) Y = YES, N = NO — PRODUCE COMPLIANCE REPORT

☐ (15) Y = YES, N = NO — PRODUCE COMPLIANCE IN ARREARS REPORT

COMPLIANCE PERIOD FROM: M D Y (16 - 21)

TO: M D Y (22 - 27)

COMPLIANCE IN ARREARS DATE: M D Y (28 - 33)

DEFAULT DATES IF NONE ARE ENTERED:
COMPLIANCE PERIOD - NEXT MONTH BASED ON DATE IN COLS. 5 - 10
COMPLIANCE IN ARREARS DATE - DATE ENTERED IN COLS. 5 - 10

PREPARED BY _____ DATE __/__/__

APPROVED BY _____ DATE __/__/__

VAEX040

MODEL STATE INFORMATION SYSTEM
VARIANCES AND EXEMPTIONS SUBSYSTEM

VAEX.103

SORT OPTIONS FOR JOB _____

CARD ID	SORT SEQUENCE	MNEMONIC NAME OF DATA ELEMENT	SORT MODE	
S O R T 1-4	5-6	7-16	17	A=ASCENDING D=DESCENDING
	18-19	20-29	30	A=ASCENDING D=DESCENDING
	31-32	33-42	43	A=ASCENDING D=DESCENDING
	44-45	46-55	56	A=ASCENDING D=DESCENDING
	57-58	59-68	69	A=ASCENDING D=DESCENDING

PREPARED BY _____ DATE __/__/__

APPROVED BY _____ DATE __/__/__

VAEX040

MODEL STATE INFORMATION SYSTEM
VARIANCES AND EXEMPTIONS SUBSYSTEM

VAEX.104

PROCESSING OPTIONS FOR JOB_____

CARD ID

P	A	O	C
1-4			

DATE

M D Y

5-10					

☐ 14 Y = YES, N = NO — PRODUCE CONDENSED REPORT

☐ 15 Y = YES, N = NO — PRODUCE CASE HISTORY REPORT

PREPARED BY _____ DATE __/__/__

APPROVED BY _____ DATE __/__/__

VAEX040

MODEL STATE INFORMATION SYSTEM
VARIANCES AND EXEMPTIONS SUBSYSTEM

VAEX.105

SELECTION FORM - DEFINITION OF DATA ELEMENTS

CARD ID
S E L 1
1-4

DUP 1 - 4

DATA ELEMENT MNEMONIC NAME (5-14)	DATA ELEMENT COMPARATIVE VALUE (15-29)	DATA ELEMENT LOGIC ID NO. (30-31)

PREPARED BY _____ DATE __/__/__

APPROVED BY _____ DATE __/__/__

VAEX040

MODEL STATE INFORMATION SYSTEM
VARIANCES AND EXEMPTIONS SUBSYSTEM

VAEX.106

SELECTION FORM - DEFINITION OF LOGIC FOR SELECTION

RELATION SYMBOLS: LT = LESS THAN GT = GREATER THAN NG = NOT GREATER THAN
EQ = EQUAL NL = NOT LESS THAN NX = NOT EXISTS (EMPTY)

CARD ID	DATA ELEMENT LOGIC ID NO.	RELATION SYMBOL	DATA ELEMENT LOGIC ID NO.	RELATION SYMBOL	DATA ELEMENT LOGIC ID NO.	RELATION SYMBOL	DATA ELEMENT LOGIC ID NO.	RELATION SYMBOL
S E L 2 (1-4)	01	5-6	02	7-8	03	9-10	04	11-12
	05	13-14	06	15-16	07	17-18	08	19-20
	09	21-22	10	23-24	11	25-26	12	27-28
	13	29-30	14	31-32	15	33-34	16	35-36
	17	37-38	18	39-40	19	41-42	20	43-44
	21	45-46	22	47-48	23	49-50	24	51-52
	25	53-54	26	55-56	27	57-58	28	59-60
	29	61-62	30	63-64	31	65-66	32	67-68
	33	69-70	34	71-72	35	73-74		

PREPARED BY _____ DATE __/__/__

APPROVED BY _____ DATE __/__/__

VAEX010

MODEL STATE INFORMATION SYSTEM
VARIANCES AND EXEMPTIONS SUBSYSTEM

VAEX.107

RECORD CREATION AND MAINTENANCE FORM

V&E IDENTIFICATION

DUP 1 - 5

CARD CODE

10
11
12
13
14
15
16
17

6-7

CASE ABSTRACT - CON'T

8-37

V&E IDENTIFICATION

1 - 5

CARD CODE

99

6-7

RECORD DELETION

8

ENTER A 'Y' IF DELETING A RECORD
ONLY PUNCH THIS CARD IF A 'Y' IS ENTERED

PREPARED BY _____ DATE __/__/__

APPROVED BY _____ DATE __/__/__

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

INPUT TO SUBSYSTEM (S) :

Variances and Exemptions

(Transaction File)

DATE: 1/12/77

EXHIBIT: VAEX.200

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 2

RECORD ACCESS KEY:

VEFI-ID00
VEFI-TRAN-CODE00

FILE NAME: Input Transactions

FILE ID: VEFI

RECORD NAME: VEFI-CREATE-DELETE-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Input Transactions	FILE ID: VFFI	RECORD NAME: VFFI-CREATE-DELETE-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		VEFI-CREATE-DELETE-RECORD	GRP					1	80
03		VFFI-ID00		A/N	X(5)			1	5
03		VEFI-TRAN-CODE00		A/N	X(2)			6	7
03		VEFI-CREATE-DELL-FLAG		A/N	X(1)			8	8
03		FILLER		A/N	X(72)			9	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

DATE: 1/12/77

EXHIBIT: VAEX.201

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 3

RECORD ACCESS KEY:

VEFI-ID01
VEFI-TRAN-CODE01

INPUT TO SUBSYSTEM (S) :

Variances and Exemptions

(Transaction File)

FILE NAME: Input Transactions

FILE ID: VEFI

RECORD NAME: VEFI-UPDATE-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Input Transactions	FILE ID: VEFI	RECORD NAME: VEFI-UPDATE-RECORD	PAGE: 2 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		VEFI-UPDATE-RECORD	GRP					1	80
03		VEFI-ID01		A/N	X(5)			1	5
03		VEFI-TRAN-CODE01		A/N	X(2)			6	7
03		VEFI-PWS-ID		A/N	X(7)			8	14
03		VEFI-VE-TYPE		A/N	X(1)			15	15
03		VEFI-REVISED-ID-REFERENCE		A/N	X(5)			16	20
03		VEFI-EFFECTIVE-DATE		A/N	X(6)			21	26
03		VEFI-EXPIRATION-DATE		A/N	X(6)			27	32
03		VEFI-REASON-CODE		A/N	X(2)			33	34
03		VEFI-STATUS-CODE		A/N	X(1)			35	35
03		VEFI-CONTAMINANT-ID		A/N	X(4)			36	39
03		VEFI-MODIFIED-MCL		A/N	X(5)			40	44
03		VEFI-MODIFIED-MCL-DEC		A/N	X(1)			45	45
03		VEFI-TREATMENT-CODE		A/N	X(3)			46	48

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Input Transactions	FILE ID: VEFI	RECORD NAME: VEFI-UPDATE-RECORD	PAGE: 3 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03		VEFI-ALTERNATE-TREATMENT		A/N	X(3)			49	51
03		VEFI-MODIFIED-FREQUENCY		A/N	X(3)			52	54
03		FILLER		A/N	X(26)			55	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :	DATE: 1/12/77	EXHIBIT: VAEX.202
	RECORD TYPE: Fixed RECORD SIZE: 80	PAGE: 1 OF 2
	RECORD ACCESS KEY: VEFI-ID02 VEFI-TRAN-CODE02	
INPUT TO SUBSYSTEM (S) : Variances and Exemptions (Transaction File)		
FILE NAME: Input Transactions	FILE ID: VEFI	RECORD NAME: VEFI-ABSTRACT-RECORD

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MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Input Transactions	FILE ID: VEFI	RECORD NAME: VEFI-ABSTRACT-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		VEFI-ABSTRACT-RECORD	GRP					1	80
03		VEFI-ID02		A/N	X(5)			1	5
03		VEFI-TRAN-CODE02		A/N	X(2)			6	7
03		VEFI-CASE-ABSTRACT		A/N	X(30)			8	37
03		FILLER		A/N	X(43)			38	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :	**DATE:** 1/12/77	**EXHIBIT:** VAEX.203
	RECORD TYPE: Fixed **RECORD SIZE:** 80	**PAGE:** 1 OF 2
	RECORD ACCESS KEY: VEFI-ID20 VEFI-TRAN-CODE20	
INPUT TO SUBSYSTEM (S) : Variances and Exemptions (Transaction File)		
FILE NAME: Input Transactions	**FILE ID:** VEFI	**RECORD NAME:** VEFI-MILESTONE-CREATION

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Input Transactions	FILE ID: VEFI	RECORD NAME: VEFI-MILESTONE-CRLATION	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		VEFI-MILESTONE-CRLATION	GRP					1	80
03		VEFI-ID20		A/N	X(5)			1	5
03		VEFI-TRAN-CODE20		A/N	X(2)			6	7
03		VEFI-TARGET-DATE		A/N	X(6)			8	13
03		VEFI-MILESTONE-CODE		A/N	X(2)			14	15
03		VEFI-MILESTONE-REPEAT		A/N	X(2)			16	17
03		FILLER		A/N	X(63)			18	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

DATE: 1-12-77

EXHIBIT: VAEX.204

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 2

RECORD ACCESS KEY:

VEFI-ID21
VEFI-TRAN-CODE21

INPUT TO SUBSYSTEM (S) :

Variances and Exemptions

(Transaction File)

FILE NAME: Input Transactions

FILE ID: VEFI

RECORD NAME: VEFI-MILESTONE-DESCRIPTION

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Input Transactions	FILE ID: VEFI	RECORD NAME: VEFI-MILESTONE-DESCRIPTION	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		VEFI-MILESTONE-DESCRIPTION	GRP					1	80
03		VEFI-ID21		A/N	X(5)			1	5
03		VEFI-TRAN-CODE21		A/N	X(2)			6	7
03		FILLER		A/N	X(8)				
03		VEFI-MILESTONE-ABSTRACT		A/N	X(30)			16	45
03		FILLER		A/N	X(35)			46	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :	DATE: 1-12-77	EXHIBIT: VAEX.205
	RECORD TYPE: Fixed	PAGE: 1 OF 2
	RECORD SIZE: 80	
	RECORD ACCESS KEY: VEFI-ID25 VEFI-TRAN-CODE25	
INPUT TO SUBSYSTEM (S) : Variances and Exemptions (Transaction File)		
FILE NAME: Input Transactions	FILE ID: VEFI	RECORD NAME: VEFI-REPORTING-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Input Transactions	FILE ID: VEFI	RECORD NAME: VEFI-REPORTING-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		VEFI-REPORTING-RECORD	GRP					1	80
03		VEFI-ID25		A/N	X(5)			1	5
03		VEFI-TRAN-CODE25		A/N	X(2)			6	7
03		FILLER		A/N	X(8)				
03		VEFI-MILESTONE-ATTAINED-DATE		A/N	X(6)			16	21
03		VEFI-DELAY-CODE		A/N	X(1)			22	22
03		FILLER		A/N	X(58)			23	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :	DATE: 1/12/77	EXHIBIT: VAEX.206
	RECORD TYPE: Fixed RECORD SIZE: 80	PAGE: 1 OF 2
	RECORD ACCESS KEY: VEFI-VE10-PROC-ID	
INPUT TO SUBSYSTEM (S) : Variances and Exemptions (Transaction File)		
FILE NAME: Processing Options	FILE ID: VEFI	RECORD NAME: VEFI-VE10-PROC-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Processing Options	FILE ID: VEFI	RECORD NAME: VEFI-VE10-PROC-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		VEFI-VE10-PROC-RECORD	GRP					1	80
03		VEFI-VE10-PROC-ID		A/N	X(4)			1	4
03		VEFI-VE10-PROC-DATE		A/N	X(6)			5	10
03		VEFI-VE10-PROC-OUTPUT		A/N	X(1)			11	11
03		VEFI-VE10-PROC-FIELD-SELECT		A/N	X(1)			12	12
03		VEFI-VE10-PROC-SHF		A/N	X(1)			13	13
03		VEFI-VE10-PROC-COMPLIANCE		A/N	X(1)			14	14
03		VEFI-VE10-PROC-ARREARS		A/N	X(1)			15	15
03		VEFI-VE10-PROC-FROM-DATE		A/N	X(6)			16	21
03		VEFI-VE10-PROC-TO-DATE		A/N	X(6)			22	27
03		VEFI-VE10-PROC-ARREARS-DATE		A/N	X(6)			28	33
03		FILLER		A/N	X(47)			34	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :	**DATE:** 1/28/77	**EXHIBIT:** VAEX.207
	RECORD TYPE: Fixed	**PAGE:** 1 OF 2
	RECORD SIZE: 80	
	RECORD ACCESS KEY: VEFI-SORT-ID	
INPUT TO SUBSYSTEM (S) : Variances and Exemptions		
Temporary File		
FILE NAME: Processing Options	**FILE ID:** VEFI	**RECORD NAME:** VEFI-SORT-RECORD

561

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Processing Options	FILE ID: VEFI	RECORD NAME: VEFI-SORT-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		VEFI-SORT-RECORD	GRP					1	80
03		VEFI-SORT-ID		A/N	X(4)			1	4
03		VEFI-SORT-INFORMATION	GRP			5		5	69
05		VEFI-SORT-SEQUENCE		A/N	X(2)				
05		VEFI-SORT-MNEMONIC		A/N	X(10)				
05		VEFI-SORT-MODE		A/N	X(1)				
03		FILLER		A/N	X(11)			70	80

562

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) : Variances and Exemptions	DATE: 11-30-76	EXHIBIT: VAEX.208
	RECORD TYPE: Fixed RECORD SIZE: 648	PAGE: 1 OF 2
	RECORD ACCESS KEY:	
INPUT TO SUBSYSTEM (S) : Variances and Exemptions	VEFI-CA-SORT-FIELD	
FILE NAME: Variances and Exemptions Compliance In Arrears File	FILE ID: VEFI	RECORD NAME: VEFI-COMP-ARREARS-DATE-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Variances and Exemptions	FILE ID: VEFI	RECORD NAME: VEFI-COMP-ARREARS-DATE-	PAGE: 2 OF 2

Compliance In Arrears File RECORD

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		VEFI-COMP-ARREARS-DATE-RECORD	GRP					1	783
03		VEFI-CA-SORT-FIELD		A/N	X(4)			1	4
03		VEFI-CA-CURRENT-DATE		A/N	X(6)			5	10
03		VEFI-CA-ARREARS-DATE		A/N	X(6)			11	16
03		FILLER		A/N	X (646)			17	648

564

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) : Variances and Exemptions	DATE: 11-30-76	EXHIBIT: VAEX.209
	RECORD TYPE: Variable RECORD SIZE: 648 - 3348	PAGE: 1 OF 4
	RECORD ACCESS KEY:	
INPUT TO SUBSYSTEM (S) : Variances and Exemptions	VEFI-CS-REGION VEFI-CS-DISTRICT VEFI-CS-PWS-ID	
FILE NAME: Variances and Exemptions Compliance File	FILE ID: VEFI	RECORD NAME: VEFI-COMP-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Variances and Exemptions	FILE ID: VEFI	RECORD NAME: VEFI-COMP-RECORD	PAGE: 2 OF 4

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		VEFI-COMP-RECORD	GRP					1	
03		VEFI-CS-REGION		A/N	X(2)			1	2
03		VEFI-CS-DISTRICT		A/N	X(2)			3	4
03		VEFI-CS-NAME		A/N	X(30)			5	34
03		VEFI-CS-MAILING-ADDRESS	GRP					35	
05		VEFI-CS-STREET		A/N	X(30)			35	64
05		VEFI-CS-CITY		A/N	X(30)			65	94
05		VEFI-CS-STATE		A/N	X(2)			95	96
05		VEFI-CS-ZIP-CODE		A/N	X(5)			97	101
03		VEFI-CS-TELEPHONE	GRP					102	
05		VEFI-CS-AREA-CODE		A/N	X(3)			102	104
05		VEFI-CS-PHONE-NUMBER		A/N	X(7)			105	111
03		VEFI-CS-ID		A/N	X(5)			112	116
03		VEFI-CS-REVISED-ID-REFERENCE		A/N	X(5)			117	121

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Variances and Exemptions	FILE ID: VEFI	RECORD NAME: VEFI-COMP-RECORD	PAGE: 3 OF 4

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03		VEFI-CS-PWS-ID		A/N	X(7)			122	128
03		VEFI-CS-VE-TYPE		A/N	X(1)			129	129
03		VEFI-CS-EFFECTIVE-DATE		N	9(5)			120	134
03		VEFI-CS-EXPIRATION-DATE		N	9(5)			135	139
03		VEFI-CS-STATUS-CODE		A/N	X(1)			140	140
03		VEFI-CS-CONTAMINANT-ID		A/N	X(4)			141	144
03		VEFI-CS-MODIFIED-MCL		A/N	X(5)			145	149
03		VEFI-CS-MODIFIED-MCL-DEC		A/N	X(1)			150	150
03		VEFI-CS-TREATMENT-CODE		A/N	X(3)			151	153
03		VEFI-CS-ALTERNATE-TREATMENT		A/N	X(3)			154	156
03		VEFI-CS-MODIFIED-FREQUENCY		A/N	X(3)			157	159
03		VEFI-CS-CASE-ABSTRACT		A/N	X(30)	16		160	
03		VEFI-CS-REASON-CODE		A/N	X(2)			640	641
03		VEFI-CS-LAST-UPDATE-DATE		N	9(5)			642	646

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Variances and Exemptions	FILE ID: VEFI	RECORD NAME: VEFI-COMP-RECORD	PAGE: 4 OF 4

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03		VEFI-CS-MILESTONE-NO		N	9(2)			647	648
03		VEFI-CS-REPEATING-GROUP	GRP			20	X	649	3348
05		VEFI-CS-MILESTONE-REPEAT		N	9(2)				
05		VEFI-CS-TARGET-DATE		N	9(5)				
05		VEFI-CS-ATTAINED-DATE		N	9(5)				
05		VEFI-CS-MILESTONE-CODE		A/N	X(2)				
05		VEFI-CS-DELAY-CODE		A/N	X(1)				
05		VEFI-CS-MILESTONE-ABSTRACT		A/N	X(30)	4			

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) : Variances and Exceptions	DATE: 11-30-76	EXHIBIT: VAEX.210
	RECORD TYPE: Variable	PAGE: 1 OF 4
	RECORD SIZE: 678-3378+4	
	RECORD ACCESS KEY: VEFI-RF-ID	
INPUT TO SUBSYSTEM (S) : Variances and Exemptions		
FILE NAME: Variances and Exemptions Report File	FILE ID: VEFI	RECORD NAME: VEFI-REPORT-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME:	FILE ID:	RECORD NAME:	PAGE:
Variances and Exemptions Report File	VEFI	VEFI-REPORT-RECORD	2 OF 4

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		VEFI-REPORT-RECORD	GRP					1	3376
03		VEFI-RF-SORT-KEY		A/N	X(30)			1	30
03		VEFI-RF-REGION		A/N	X(2)			31	32
03		VEFI-RF-DISTRICT		A/N	X(2)			33	34
03		VEFI-RF-NAME		A/N	X(30)			35	64
03		VEFI-RF-MAILING-ADDRESS	GRP					65	129
05		VEFI-RF-STREET		A/N	X(30)			65	94
05		VEFI-RF-CITY		A/N	X(30)			95	124
05		VEFI-RF-STATE		A/N	X(2)			125	126
05		VEFI-RF-ZIP-CODE		A/N	X(5)			127	131
03		VEFI-RF-TELEPHONE	GRP					132	141
05		VEFI-RF-AREA-CODE		A/N	X(3)			132	134
05		VEFI-RF-PHONE-NUMBER		A/N	X(7)			135	141
03		VEFI-RF-ID		A/N	X(5)			142	146

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Variances and Exemptions Report File	FILE ID: VEFI	RECORD NAME: VEFI-REPORT-RECORD	PAGE: 3 OF 4

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03		VEFI-RF-REVISED-ID-REFERENCE		A/N	X(5)			147	151
03		VEFI-RF-PWS-ID		A/N	X(7)			152	158
03		VEFI-RF-VE-TYPE		A/N	X(1)			159	159
03		VEFI-RF-EFFECTIVE-DATE		N	9(5)			160	164
03		VEFI-RF-EXPIRATION-DATE		N	9(5)			165	169
03		VEFI-RF-STATUS-CODE		A/N	X(1)			170	170
03		VEFI-RF-CONTAMINANT-ID		A/N	X(4)			171	174
03		VEFI-RF-MODIFIED-MCL		A/N	X(5)			175	179
03		VEFI-RF-MODIFIED-MCL-DEC		A/N	X(1)			180	180
03		VEFI-RF-TREATMENT-CODE		A/N	X(3)			181	183
03		VEFI-RF-ALTERNATE-TREATMENT		A/N	X(3)			184	186
03		VEFI-RF-MODIFIED-FREQUENCY		A/N	X(3)			187	189
03		VEFI-RF-CASE-ABSTRACT		A/N	X(30)	16		190	669
03		VEFI-RF-REASON-CODE		A/N	X(2)			670	671

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Variances and Exemptions Report File	FILE ID: VEFI	RECORD NAME: VEFI-REPORT-RECORD	PAGE: 4 OF 4

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03		VEFI-RF-LAST-UPDATE-DATE		N	9(5)			672	676
03		VEFI-RF-MILESTONE-NO		N	9(2)			677	678
03		VEFI-RF-REPEATING-GROUP	GRP			20	X	679	3376
05		VEFI-RF-MILESTONE-REPEAT		N	9(2)				
05		VEFI-RF-TARGET-DATE		N	9(5)				
05		VEFI-RF-ATTAINED-DATE		N	9(5)				
05		VEFI-RF-MILESTONE-CODE		A/N	X(2)				
05		VEFI-RF-DELAY-CODE		A/N	X(1)				
05		VEFI-RF-MILESTONE-ABSTRACT		A/N	X(30)	4			

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) : Variances and Exemptions		DATE: 1/12/77	EXHIBIT: VAEX.211
		RECORD TYPE: Fixed	PAGE: 1 OF 2
		RECORD SIZE: 648	
		RECORD ACCESS KEY: VEFI-CS-SORT-FIELD	
INPUT TO SUBSYSTEM (S) : Variances and Exemptions			
FILE NAME: Variances and Exemptions Compliance File (Temporary File)	FILE ID: VEFI	RECORD NAME: VEFI-COMP-DATE-RECORD	

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Variances and Exemptions Compliance File	FILE ID: VEFI	RECORD NAME: VEFI-COMP-DATE-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		VEFI-COMP-DATE-RECORD	GRP					1	648
03		VEFI-CS-SORT-FIELD		A/N	X(4)			1	4
03		VEFI-CS-RUN-DATE		A/N	X(6)			5	10
03		VEFI-CS-FROM-DATE		A/N	X(6)			11	16
03		VEFI-CS-TO-DATE		A/N	X(6)			17	22
03		FILLER		A/N	X(640)			23	648

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Variances and Exemptions

DATE: 8-6-76

EXHIBIT: VAEX.212

RECORD TYPE: Variable

PAGE: 1 OF 3

RECORD SIZE: 537 to 3237

RECORD ACCESS KEY:

VEF-KEY

INPUT TO SUBSYSTEM (S) :

Variances and Exemptions
Federal Reporting

FILE NAME: Variances and Exemptions File

FILE ID: VEF

RECORD NAME: VEF-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Variances and Exemptions Fi	FILE ID: VEF	RECORD NAME: VEF-RECORD	PAGE: 2 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		VEF-RECORD	GRP					1	3237
03		VEF-KEY	GRP					1	5
05	VE-ID	VEF-ID	455	A/N	X(5)			1	5
03	VE-ID-REF	VEF-REVISED-ID-REFERENCE	456	A/N	X(5)			6	10
03	VE-PWS-ID	VEF-PWS-ID	457	A/N	X(7)			11	17
03	VE-TYPE	VEF-VE-TYPE	458	A/N	X(1)			18	18
03	VE-EFF-DT	VEF-EFFECTIVE-DATE	459	N	9(5)			19	23
03	VE-EXP-DT	VEF-EXPIRATION-DATE	460	N	9(5)			24	28
03	VE-STATUS	VEF-STATUS-CODE	461	A/N	X(1)			29	29
03	VE-CON-ID	VEF-CONTAMINANT-ID	462	A/N	X(4)			30	33
03	VE-MOD-MCL	VEF-MODIFIED-MCL	463	A/N	X(5)			34	38
03	VE-MOD-DEC	VEF-MODIFIED-MCL-DEC	464	A/N	X(1)			39	39
03	VE-TREAT	VEF-TREATMENT-CODE	465	A/N	X(3)			40	42
03	VE-ALT-TRT	VEF-ALTERNATE-TREATMENT	466	A/N	X(3)			43	45

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Variances and Exemptions File	FILE ID: VEF	RECORD NAME: VEF-RECORD	PAGE: 3 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03	VE-MOD-FRE	VEF-MODIFIED-FREQUENCY	467	A/N	X(3)			46	48
03	VE-ABSTRAC	VEF-CASE-ABSTRACT	468	A/N	X(30)	16		49	528
03	VE-REASON	VEF-REASON-CODE	469	A/N	X(2)			529	530
03	VE-LST-UP	VEF-LAST-UPDATE-DATE	470	N	9(5)			531	535
03	VE-MISTONE	VEF-MILESTONE-NO	471	N	9(2)			536	537
03		VEF-REPEATING-GROUP	GRP			20	X	538	3237
05	VE-REPEAT	VEF-MILESTONE-REPEAT	472	N	9(2)				
05	VE-TAR-DT	VEF-TARGET-DATE	473	N	9(5)				
05	VE-ATT-DT	VEF-MILESTONE-ATTAINED-DATE	474	N	9(5)				
05	VE-MIL-COD	VEF-MILESTONE-CODE	475*	A/N	X(2)				
05	VE-DEL-CD	VEF-DELAY-CODE	476	A/N	X(1)				
05	VE-MIL-ABS	VEF-MILESTONE-ABSTRACT	477	A/N	X(30)	4			

*See Data Element Dictionary: Appendix A

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) : Variances and Exemptions	DATE: 1/12/77	EXHIBIT: VAEX.213
	RECORD TYPE: Variable RECORD SIZE: 678	PAGE: 1 OF 2
	RECORD ACCESS KEY: VEFI-RF-SORT-KEY	
INPUT TO SUBSYSTEM (S) : Variances and Exemptions (Temporary File)		
FILE NAME: Variances and Exemptions Report File	FILE ID: VEFI	RECORD NAME: VEFI-REPORT-DATE-RECORD

Preceding page blank

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME:	Variances and Exemptions Report File	FILE ID:	VEF	RECORD NAME:	VEFI-REPORT-DATE-RECORD	PAGE:	2	OF	2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		VEFI-REPORT-DATE-RECORD	GRP					1	678
03		VEFI-RF-SORT-KEY		A/N	X(30)			1	30
03		VEFI-RF-RUN-DATE		A/N	X(6)			31	36
03		VEFI-RF-CONDENSED-FLAG		A/N	X(1)			37	37
03		VEFI-RF-CASE-HISTORY-FILE		A/N	X(1)			38	38
03		FILLER		A/N	X(640)			39	678

580

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :	DATE: 1/28/77	EXHIBIT: VAEX.214
	RECORD TYPE: Fixed	PAGE: 1 OF 2
	RECORD SIZE: 80	
	RECORD ACCESS KEY: VEFI-VE40-PROC-ID	
INPUT TO SUBSYSTEM (S) : Variances and Exemptions		
Temporary File		
FILE NAME: Processing Options	FILE ID: VEFI	RECORD NAME: VEFI-VE40-PROC-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Processing Options	FILE ID: VEFI	RECORD NAME: VEFI-VE40-PROC-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		VEFI-VE40-PROC-RECORD	GRP					1	80
03		VEFI-VE40-PROC-ID		A/N	X(4)			1	4
03		VEFI-VE40-PROC-DATE		A/N	X(6)			5	10
03		FILLER		A/N	X(3)			11	13
03		VEFI-VE40-PROC-CL-REPORT		A/N	X(1)			14	14
03		VEFI-VE40-PROC-CH-REPORT		A/N	X(1)			15	15
03		FILLER		A/N	X(65)			16	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :	DATE: 1/28/77	EXHIBIT: VAEX.215
	RECORD TYPE: Fixed	PAGE: 1 OF 2
	RECORD SIZE: 80	
	RECORD ACCESS KEY: VEFI-SELECT-1-ID VEFI-SELECT-1-DE-NO	
INPUT TO SUBSYSTEM (S) : Variances and Exemptions		
Temporary File		
FILE NAME: Processing Options	FILE ID: VEFI	RECORD NAME: VEFI-SELECT-1-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Processing Options	FILE ID: VEFI	RECORD NAME: VEFI-SELECT-1-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT NO.					FROM	TO
01		VEFI-SELECT-1-RECORD	GRP					1	80
03		VEFI-SELECT-1-ID		A/N	X(4)			1	4
03		VEFI-SELECT-1-MNEMONIC		A/N	X(10)			5	14
03		VEFI-SELECT-1-DE-VALUE		A/N	X(15)			15	29
03		VEFI-SELECT-1-DE-NO		A/N	X(2)			30	31
03		FILLER		A/N	X(49)			32	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :	DATE: 1/28/77	EXHIBIT: VAEX.216
	RECORD TYPE: Fixed	PAGE: 1 OF 2
	RECORD SIZE: 80	
	RECORD ACCESS KEY: VEFI-SELECT-2-ID	
INPUT TO SUBSYSTEM (S) : Variances and Exemptions		
Temporary File		
FILE NAME: Processing Options	FILE ID: VEFI	RECORD NAME: VEFI-SELECT-2-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Processing Options	FILE ID: VEFI	RECORD NAME: VEFI-SELECT-2-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		VEFI-SELECT-2-RECORD	GRP					1	80
03		VEFI-SELECT-2-ID		A/N	X(4)			1	4
03		VEFI-SELECT-2-SYMBOL		A/N	X(2)	35		5	74
03		FILLER		A/N	X(6)			75	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Variances and Exemptions

DATE: 1/12/77

EXHIBIT: VAEX.217

RECORD TYPE: Variable

PAGE: 1 OF 4

RECORD SIZE: 648 - 3348

RECORD ACCESS KEY:

VEFI-CA-REGION
VEFI-CA-DISTRICT
VEFI-CA-PWS-ID
VEFI-CA-ID

INPUT TO SUBSYSTEM (S) :

Variances and Exemptions

(Temporary File)

FILE NAME: Variances and Exemptions Compliance in Arrears File

FILE ID: VEFI

RECORD NAME: VEFI-COMP-ARREARS-RECORD

587

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME:	Variances and Exemptions Compliance in Arrears	FILE ID:	VEFI	RECORD NAME:	VEFI-COMP-ARREARS-RECORD	PAGE:	2 OF 4

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		VEFI-COMP-ARREARS-RECORD	GRP					1	3348
03		VEFI-CA-REGION		A/N	X(2)			1	2
03		VEFI-CA-DISTRICT		A/N	X(2)			3	4
03		VEFI-CA-NAME		A/N	X(30)			5	34
03		VEFI-CA-MAILING-ADDRESS	GRP					35	101
05		VEFI-CA-STREET		A/N	X(30)			35	64
05		VEFI-CA-CITY		A/N	X(30)			65	94
05		VEFI-CA-STATE		A/N	X(2)			95	96
05		VEFI-CA-ZIP-CODE		A/N	X(5)			97	101
03		VEFI-CA-TELEPHONE	GRP					102	111
05		VEFI-CA-AREA-CODE		A/N	X(3)			102	104
05		VEFI-CA-PHONE-NUMBER		A/N	X(7)			105	111
03		VEFI-CA-ID		A/N	X(5)			112	116
03		VEFI-REVISED-ID-REFERENCE		A/N	X(5)			117	121

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Variances and Exemptions Compliance in Arrears	FILE ID: VEFI	RECORD NAME: VEFI-COMP-ARREARS-RECORD	PAGE: 3 OF 4

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03		VEFI-CA-PWS-ID		A/N	X(7)			122	128
03		VEFI-CA-VE-TYPE		A/N	X(1)			129	129
03		VEFI-CA-EFFECTIVE-DATE		N	9(5)			130	134
03		VEFI-CA-EXPIRATION-DATE		N	9(5)			135	139
03		VEFI-CA-STATUS-CODE		A/N	X(1)			140	140
03		VEFI-CA-CONTAMINANT-ID		A/N	X(4)			141	144
03		VEFI-CA-MODIFIED-MCL		A/N	X(5)			145	149
03		VEFI-CA-MODIFIED-MCL-DEC		A/N	X(1)			150	150
03		VEFI-CA-TREATMENT-CODE		A/N	X(3)			151	153
03		VEFI-CA-ALTERNATE-TREATMENT		A/N	X(3)			154	156
03		VEFI-CA-MODIFIED-FREQUENCY		A/N	X(3)			157	159
03		VEFI-CA-CASE-ABSTRACT		A/N	X(30)	16		160	639
03		VEFI-CA-REASON-CODE		A/N	X(2)			640	641
03		VEFI-CA-LAST-UPDATE-DATE		N	9(5)			642	646

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME:	FILE ID:	RECORD NAME:	PAGE:
Variances and Exemptions Compliance in Arrears	VEFI	VEFI-COMP-ARREARS-RECORD	4 OF 4

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03		VEFI-CA-MILESTONE-NO		N	9(2)			647	648
03		VEFI-CA-REPEATING-GROUP	GRP			20	X	649	3348
05		VEFI-CA-MILESTONE-REPEAT		N	9(2)				
05		VEFI-CA-TARGET-DATE		N	9(5)				
05		VEFI-CA-ATTAINED-DATE		N	9(5)				
05		VEFI-CA-MILESTONE-CODE		A/N	X(2)				
05		VEFI-CA-DELAY-CODE		A/N	X(1)				
05		VEFI-CA-MILESTONE-ABSTRACT		A/N	X(30)	4			

590

EXHIBIT NO.'s VAEX.300 and 301

have been intentionally left out.

VAEX020 1 OF 1
10/18/76

COMPLIANCE SCHEDULE REPORT MODULE
SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER
EXHIBIT VAEX.302

MODEL STATE INFORMATION SYSTEM
VARIANCES AND EXEMPTIONS SUBSYSTEM

VAEX020

COMPLIANCE SCHEDULE REPORT
FOR THE PERIOD XX/XX/XX TO XX/XX/XX

DATE XX/XX/XX

PAGE ZZZZ9

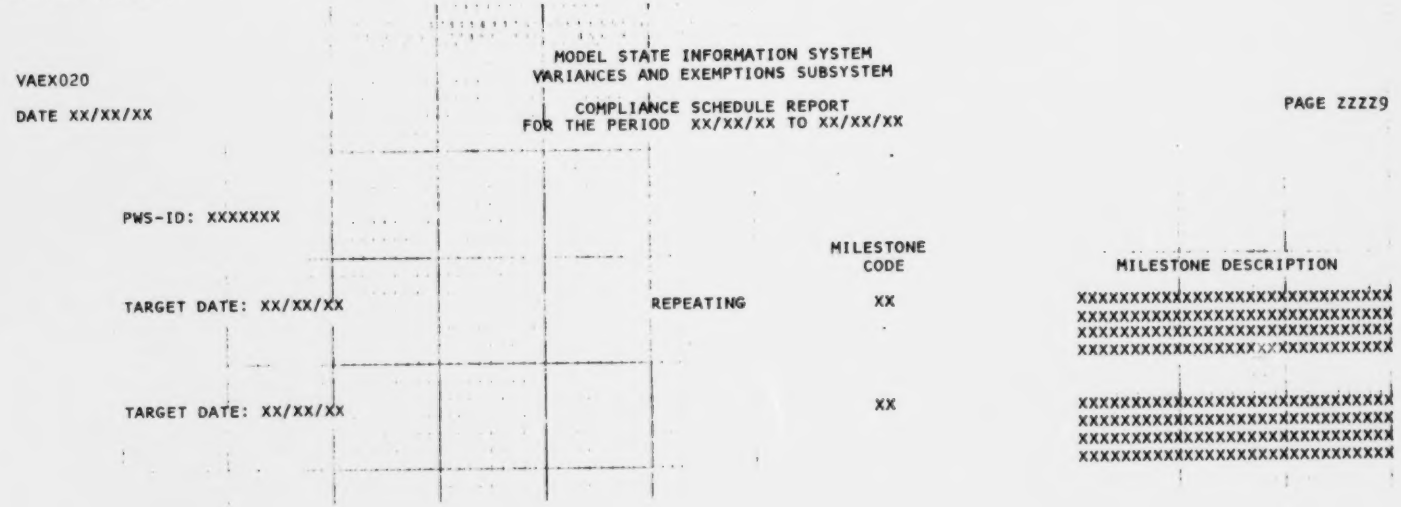
REGION: XX DISTRICT: XX

VE-ID	PWS-ID	PUBLIC WATER SYSTEM NAME AND ADDRESS	VARIANCE/ EXEMPTION	V/E STATUS	DESCRIPTION
XXXXX	XXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XX XXXXX	XXXXXXXXX	X	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

		MILESTONE CODE	MILESTONE DESCRIPTION
TARGET DATE: XX/XX/XX	REPEATING	XX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
TARGET DATE: XX/XX/XX		XX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
TARGET DATE: XX/XX/XX		XX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

VAEX020 1 OF 1
1/11/77

COMPLIANCE SCHEDULE REPORT MODULE
SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER
EXHIBIT VAEX.303



VAEX030 1 OF 1
1/11/77

COMPLIANCE SCHEDULE IN ARREARS REPORT MODULE
SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER
EXHIBIT VAEX.304

VAEX030 MODEL STATE INFORMATION SYSTEM
VARIANCES AND EXEMPTIONS SUBSYSTEM

DATE XX/XX/XX COMPLIANCE IN ARREARS REPORT PAGE ZZZZ9

REGION: XX DISTRICT: XX

VE-ID	PWS-ID	PUBLIC WATER SYSTEM NAME AND ADDRESS	VARIANCE/ EXEMPTION	V/E STATUS	DESCRIPTION
XXXXX	XXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XX XXXX$_X$	XXXXXXXXX	X	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

TARGET DATE	LAG(MONTHS)	DELAY CODE		MILESTONE CODE	MILESTONE DESCRIPTION
XX/XX/XX	XX	X	REPEATING	XX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XX/XX/XX	XX	X		XX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XX/XX/XX	XX	X		XX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

VAEX030 1 OF 1
1/11/77

COMPLIANCE SCHEDULE IN ARREARS REPORT MODULE

SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER

EXHIBIT VAEX.305

VAEX030 MODEL STATE INFORMATION SYSTEM
VARIANCES AND EXEMPTIONS SUBSYSTEM

DATE XX/XX/XX COMPLIANCE IN ARREARS REPORT PAGE ZZZZ9

PWS-ID: XXXXXXX

TARGET DATE	LAG(MONTHS)	DELAY CODE		MILESTONE CODE	MILESTONE DESCRIPTION
XX/XX/XX	XX	X	REPEATING	XX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXX
XX/XX/XX	XX	X		XX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXX

* TOTAL PWS IN ARREARS FOR DISTRICT XX: ZZZZ9

** TOTAL PWS IN ARREARS FOR REGION XX: ZZZZ9

*** TOTAL PWS IN ARREARS FOR STATE XX: ZZZZ9

VAEX041 1 of 1
1/11/77

CONDENSED REPORT MODULE
SouthWestern Ohio Regional Computer Center
EXHIBIT VAEX.306

VAEX041

MODEL STATE INFORMATION SYSTEM
VARIANCES AND EXEMPTIONS SUBSYSTEM

DATE XX/XX/XX

CONDENSED REPORT

PAGE ZZZZ9

VE ID	REF ID	V/E TYPE	EFFECTIVE DATE	EXPIR. DATE	V/E STATUS	CONT ID	MCL	TREATMENT CODE	REASON CODE	LAST UPDATE	NEXT TARGET	PWS-ID	PWS NAME
XXXXX	XXXXX	X	XX/XX/XX	XX/XX/XX	X	XXXX	XXXXXXXXXX	XXX	XX	XX/XX/XX	XX/XX/XX	XXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXX	XXXXX	X	XX/XX/XX	XX/XX/XX	X	XXXX	XXXXXXXXXX	XXX	XX	XX/XX/XX	XX/XX/XX	XXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

VAEX050 1 OF 1
1/11/77

CASE HISTORY REPORT MODULE
SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER

EXHIBIT VAEX.307

VAEX050 MODEL STATE INFORMATION SYSTEM
VARIANCES AND EXEMPTIONS SUBSYSTEM

DATE XX/XX/XX CASE HISTORY REPORT PAGE ZZZZ9

PWS-ID: XXXXXXX PWS NAME: XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX PHONE: (XXX) XXX-XXXX REGION: XX DISTRICT: XX
ADDRESS: XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XX XXXXX

V & E ID: XXXXX REFERENCE ID: XXXXX TYPE OF V & E: X EFFECTIVE DATE: XX/XX/XX EXPIRATION DATE: XX/XX/XX

V & E STATUS: X TREATMENT INVOLVED: XXX ALTERNATE TREATMENT: XXX CONTAMINANT ID: XXXX MODIFIED MCL: XXXXXXXXX

REASON CODE: XX MODIFIED FREQUENCY: XXX LAST UPDATE DATE: XX/XX/XX

DESCRIPTION: XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
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MILESTONE CODE	TARGET DATE	ATTAINED DATE	MILESTONE DESCRIPTION	LAG (MONTHS)	DELAY CODE	REPEAT (MONTHS)
XX	XX/XX/XX	XX/XX/XX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XX	X	XX
XX	XX/XX/XX	XX/XX/XX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XX	X	XX

VAEX050

1 OF 1
10/27/76

CASE HISTORY REPORT MODULE
SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER

EXHIBIT VAEX.308

VAEX050

MODEL STATE INFORMATION SYSTEM
VARIANCES AND EXEMPTIONS SUBSYSTEM

CASE HISTORY REPORT

PAGE ZZZZ9

DATE XX/XX/XX

PWS-ID: XXXXXXX

MILESTONE CODE	TARGET DATE	ACTUAL DATE	MILESTONE DESCRIPTION	LAG (MONTHS)	DELAY CODE	REPEAT (MONTHS)
XX	XX/XX/XX	XX/XX/XX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XX	X	XX

ENACO10

MODEL STATE INFORMATION SYSTEM
ENFORCEMENT ACTIONS SUBSYSTEM

ENAC.100

PROCESSING OPTIONS FOR JOB _____

CARD ID: P A O C (1-4)

DATE: M D Y (5-10)

STANDARD ERROR PROCESSING OPTIONS:

11 ☐ Y = YES, N = NO — CREATE A SPECIAL OUTPUT FILE OF ERROR RECORDS

12 ☐ Y = YES, N = NO — PRINT ONLY THE DATA ELEMENT FIELDS WHICH WERE IN ERROR

STANDARD HISTORY PROCESSING OPTION:

13 ☐ — SELECT THE CODE FOR THE TYPE OF HISTORY REPORT TO BE PRINTED
- 1 = ONLY NEW STANDARD HISTORY FILE RECORDS
- 2 = ALL THE STANDARD HISTORY FILE RECORDS WHICH WERE EVER CREATED FROM THIS SUBSYSTEM
- 3 = THE ENTIRE STANDARD HISTORY FILE
- 4 = DO NOT PRINT A REPORT

PREPARED BY _____ DATE __/__/__

APPROVED BY _____ DATE __/__/__

ENAC010

MODEL STATE INFORMATION SYSTEM
ENFORCEMENT ACTIONS SUBSYSTEM

ENAC.101

RECORD CREATION AND MAINTENANCE FORM

CASE/ACTION IDENTIFICATION (1-5) | CARD CODE (6-7) | RECORD CREATION (8)

ENTER A 'Y' IF CREATING A NEW RECORD.
ONLY PUNCH THIS CARD IF A 'Y' IS ENTERED.

DUP 1-5 | 01 (6-7) | CASE STATUS (8): 1 = CASE OPEN, 2 = CASE CLOSED | CASE REFERENCE (9 - 20)

CASE NAME (21-50)

ACTION DATE M D Y (51-56) | LEGAL STATUS CODE (57) | PWS-ID (58-64) | STATE CODE (65-66)

DUP 1-5 | 02 (6-7) | PLAINTIFF TYPE (8) | PLAINTIFF NAME (9-38)

DEFENDANT TYPE (39) | DEFENDANT NAME (40-69)

PREPARED BY _____ DATE ___/___/___

APPROVED BY _____ DATE ___/___/___

ENACO10

MODEL STATE INFORMATION SYSTEM

ENFORCEMENT ACTIONS SUBSYSTEM

ENAC.102

RECORD CREATION AND MAINTENANCE FORM

VIOLATION INFORMATION

CASE/ACTION IDENTIFICATION	CARD CODE	TYPE	DATE	CONTAMINANT ID	DELETE CODE
1-5	6-7	8-9	10-15	16-19	22
	03				
	03				
	03				
	03				
DUP 1-5	03				
	03				
	03				
	03				
	03				

Y = YES, DELETE THIS VIOLATION

CONSENT ORDER AND PERMIT INFORMATION

	CARD CODE	CONSENT ORDER NUMBER	CONSENT ORDER DATE M D Y	PERMIT NUMBER	PERMIT DATE M D Y
	6-7	8-14	15-20	21-27	28-33
DUP 1-5	04				

PREPARED BY _____ DATE ___/___/___

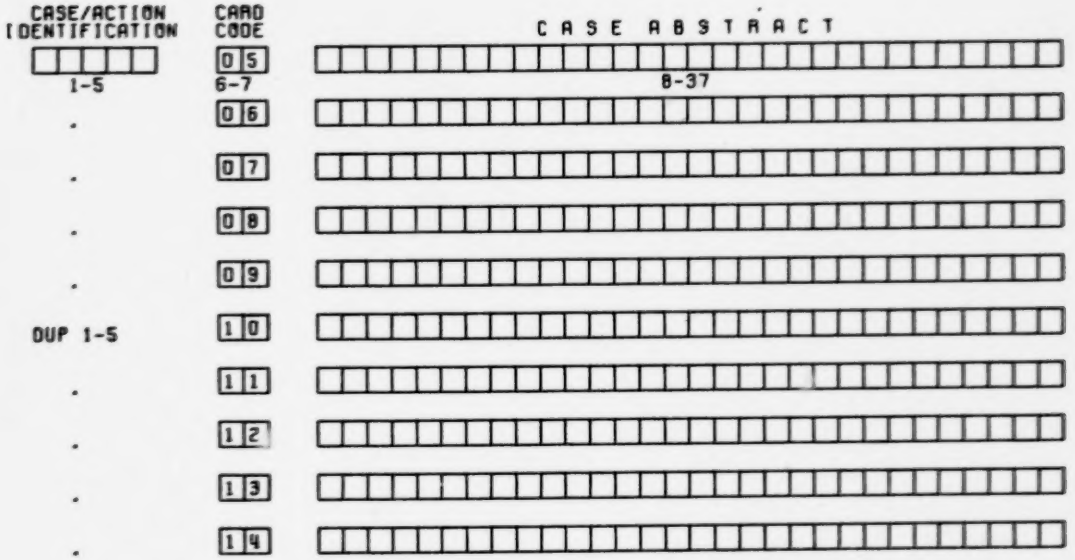
APPROVED BY _____ DATE ___/___/___

ENAC010

MODEL STATE INFORMATION SYSTEM
ENFORCEMENT ACTIONS SUBSYSTEM

ENAC.103

RECORD CREATION AND MAINTENANCE FORM



PREPARED BY _____ DATE ___/___/___

APPROVED BY _____ DATE ___/___/___

ENACO10

MODEL STATE INFORMATION SYSTEM
ENFORCEMENT ACTIONS SUBSYSTEM

ENAC.104

RECORD CREATION AND MAINTENANCE FORM

MILESTONE INFORMATION

CASE/ACTION IDENTIFICATION	CARD CODE	MILESTONE CODE	TARGET DATE M D Y	ATTAINED DATE M D Y	DELETE CODE
1-5	6-7	8-9	10-15	16-21	22
	15				
	15				
	15				
	15				
	15				
	15				
DUP 1-5	15				
	15				
	15				
	15				
	15				
	15				
	15				
	15				

Y = YES, DELETE THIS MILESTONE

CASE HISTORY REQUEST
Y = YES, SELECT THIS RECORD FOR CASE HISTORY
ONLY PUNCH THIS CARD IF A 'Y' IS ENTERED.

1-5	98 6-7	8

RECORD DELETION REQUEST
Y = YES, DELETE THIS RECORD
ONLY PUNCH THIS CARD IF A 'Y' IS ENTERED

1-5	99 6-7	8

PREPARED BY _____ DATE __/__/__

APPROVED BY _____ DATE __/__/__

ENAC020

MODEL STATE INFORMATION SYSTEM
ENFORCEMENT ACTIONS SUBSYSTEM

ENAC.105

PROCESSING OPTIONS FOR JOB _____

CARD ID: P A O C (1-4)

DATE: M D Y (5-10)

☐ 14 Y = YES, N = NO — PRODUCE CONDENSED REPORT

☐ 15 Y = YES, N = NO — PRODUCE CASE HISTORY REPORT

PREPARED BY _____ DATE __/__/__

APPROVED BY _____ DATE __/__/__

ENAC020

MODEL STATE INFORMATION SYSTEM
ENFORCEMENT ACTIONS SUBSYSTEM

ENAC.106

SORT OPTIONS FOR JOB _____

CARD ID	SORT SEQUENCE	MNEMONIC NAME OF DATA ELEMENT	SORT MODE	
S O R T				
1-4	5-6	7-16	17	A=ASCENDING D=DESCENDING
	18-19	20-29	30	A=ASCENDING D=DESCENDING
	31-32	33-42	43	A=ASCENDING D=DESCENDING
	44-45	46-55	56	A=ASCENDING D=DESCENDING
	57-58	59-68	69	A=ASCENDING D=DESCENDING

PREPARED BY _____ DATE __/__/__

APPROVED BY _____ DATE __/__/__

ENAC020

MODEL STATE INFORMATION SYSTEM
ENFORCEMENT ACTIONS SUBSYSTEM

ENAC.107

SELECTION FORM - DEFINITION OF DATA ELEMENTS

CARD ID
S E L 1
1-4

DUP 1 - 4

DATA ELEMENT MNEMONIC NAME
5-14

DATA ELEMENT COMPARATIVE VALUE
15-29

DATA ELEMENT LOGIC ID NO.
30-31

PREPARED BY _____ DATE __/__/__

APPROVED BY _____ DATE __/__/__

ENAC020

MODEL STATE INFORMATION SYSTEM
ENFORCEMENT ACTIONS SUBSYSTEM

ENAC.108

SELECTION FORM - DEFINITION OF LOGIC FOR SELECTION

RELATION SYMBOLS: LT = LESS THAN GT = GREATER THAN NG = NOT GREATER THAN
EQ = EQUAL NL = NOT LESS THAN NX = NOT EXISTS (EMPTY)

CARD ID	DATA ELEMENT LOGIC ID NO.	RELATION SYMBOL	DATA ELEMENT LOGIC ID NO.	RELATION SYMBOL	DATA ELEMENT LOGIC ID NO.	RELATION SYMBOL	DATA ELEMENT LOGIC ID NO.	RELATION SYMBOL
S E L 2 (1-4)	01	5-6	02	7-8	03	9-10	04	11-12
	05	13-14	06	15-16	07	17-18	08	19-20
	09	21-22	10	23-24	11	25-26	12	27-28
	13	29-30	14	31-32	15	33-34	16	35-36
	17	37-38	18	39-40	19	41-42	20	43-44
	21	45-46	22	47-48	23	49-50	24	51-52
	25	53-54	26	55-56	27	57-58	28	59-60
	29	61-62	30	63-64	31	65-66	32	67-68
	33	69-70	34	71-72	35	73-74		

PREPARED BY _____ DATE __/__/__

APPROVED BY _____ DATE __/__/__

NOTES

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

609

OUTPUT OF SUBSYSTEM (S) :

Enforcement Actions

INPUT TO SUBSYSTEM (S) :

Enforcement Actions

(Temporary)

DATE: 2-7-77

EXHIBIT: ENAC.200

RECORD TYPE: Variable

RECORD SIZE: 587+4

PAGE: 1 OF 2

RECORD ACCESS KEY:

EAFI-CH-PROC-RECORD-KEY

FILE NAME: ENAC Case History File

FILE ID: EAFI

RECORD NAME: EAFI-CH-PROC-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: ENAC Case History File	FILE ID: EAFI	RECORD NAME: EAFI-CH-PROC-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		EAFI-CH-PROC-RECORD	GRP					1	587
03		FILLER		A/N	X(3)			1	3
03		EAFI-CH-PROC-CASE-HIST		A/N	X(1)			4	4
03		EAFI-CH-PROC-CONDENSED		A/N	X(1)			5	5
03		EAFI-CH-PROC-RECORD-KEY	GRP					6	36
05		EAFI-CH-PROC-SORT-KEY		A/N	X(31)			6	36
03		EAFI-CH-PROC-DATE		A/N	X(6)			37	42
03		EAFI-CH-PROC-PWS-SORT		A/N	X(1)			43	43
03		FILLER		A/N	X(544)			44	587

610

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) : Enforcement Actions	DATE: 2/28/77 EXHIBIT: ENAC.201 RECORD TYPE: Fixed RECORD SIZE: 80 PAGE: 1 OF 2 RECORD ACCESS KEY: EAFI-PROC-ID	
INPUT TO SUBSYSTEM (S) : Enforcement Actions		
Processing Option		
FILE NAME: Processing Options	FILE ID: EAFI	RECORD NAME: EAFI-PROC-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Processing Options	FILE ID: EAFI	RECORD NAME: EAFI-PROC-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		EAFI-PROC-RECORD	GRP					1	80
03		EAFI-PROC-ID		A/N	X(4)			1	4
03		EAFI-PROC-DATE		A/N	X(6)			5	10
03		EAFI-PROC-OUTPUT		A/N	X(1)			11	11
03		EAFI-PROC-FIELD-SELECT		A/N	X(1)			12	12
03		EAFI-PROC-SHF		A/N	X(1)			13	13
03		FILLER		A/N	X(67)			14	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) : Enforcement Actions	**DATE:** 1-12-77 **EXHIBIT:** ENAC.202 **RECORD TYPE:** Variable **PAGE:** 1 OF 4 **RECORD SIZE:** 566-746	**RECORD ACCESS KEY:** EAP-KEY
INPUT TO SUBSYSTEM (S) : Enforcement Actions		
FILE NAME: Enforcement Actions File	**FILE ID:** EAF	**RECORD NAME:** EAF-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Enforcement Actions File	FILE ID: EAF	RECORD NAME: EAF-RECORD	PAGE: 2 OF 4

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		EAF-RECORD	GRP					1	746
03		EAF-KEY	GRP					1	5
05	EA-CASE-ID	EAF-CASE-ID	430	A/N	X(5)			1	5
03	EA-CASE-RE	EAF-CASE-REF	431	A/N	X(12)			6	17
03	EA-CASENAM	EAF-CASE-NAME	432	A/N	X(30)			18	47
03	EA-ACT-DAT	EAF-ACTION-DATE	433	N	9(5)			48	52
03	EA-CLOSE	EAF-CLOSE-OPEN-INDIC	434	A/N	X(1)			53	53
03		EAF-PLAINTIFF-INFO	GRP					54	84
05	EA-PLNTYPE	EAF-PLAINTIFF-TYPE	435	A/N	X(1)			54	54
05	EA-PLNNAME	EAF-PLAINTIFF-NAME	436	A/N	X(30)			55	84
03		EAF-DEFENDANT-INFO	GRP					85	115
05	EA-DEFTYPE	EAF-DEFENDANT-TYPE	437	A/N	X(1)			85	85
05	EA-DEFNAME	EAF-DEFENDANT-NAME	438	A/N	X(30)			86	115
03		EAF-CONSENT-ORDER	GRP					116	127

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME:	Enforcement Actions File	FILE ID:	EAF	RECORD NAME:	EAF-RECORD	PAGE:	3 OF 4

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
05	EA-ORDERNO	EAF-CONSENT-ORDER-NO	439	A/N	X(7)			116	122
05	EA-ORDATE	EAF-CONS-ORD-DATE	440	N	9(5)			123	127
03		EAF-PERMIT-DATA	GRP					128	139
05	EA-PERNO	EAF-PERMIT-NO	441	A/N	X(7)			128	134
05	EA-PERDATE	EAF-PERMIT-DATE	442	N	9(5)			135	139
03	EA-PWS-ID	EAF-PWS-ID	443	A/N	X(7)			140	146
03	EA-STATE	EAF-PWS-STATE	444*	A/N	X(2)			147	148
03		EAF-VIOLATIONS	GRP			10		149	258
05	EA-VIL-DAT	EAF-VIOLATION-DATE	445	N	9(5)				
05	EA-CON-ID	EAF-CONTAMINANT-ID	446*	A/N	X(4)				
05	EA-VIOL-TP	EAF-VIOLATION-TYPE	447*	A/N	X(2)				
03	EA-ABSTRAC	EAF-CASE-ABSTRACT	448	A/N	X(30)	10		259	558
03	EA-LEGALST	EAF-LEGAL-STATUS	449	A/N	X(1)			559	559
03	EA-LST-UP	EAF-LAST-UPDATE-DATE	450	N	9(5)			560	564

*See Data Element Dictionary: Appendix A

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Enforcement Actions File	FILE ID: EAF	RECORD NAME: EAF-RECORD	PAGE: 4 OF 4

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03	EA-MISTONE	EAF-MILESTONE-NO	451	N	9(2)			560	566
03		EAF-MILESTONE-INFO	GRP			15	X	567	746
05	EA-TAR-DT	EAF-TARGET-DATE	452	N	9(5)				
05	EA-ATT-DAT	EAF-MILESTONE-ATTAINED-DATE	453	N	9(5)				
05	EA-MIL-COD	EAF-MILESTONE-CODE	454	A/N	X(2)				

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) : Enforcement Actions	DATE: 2-7-77	EXHIBIT: ENAC.203	
	RECORD TYPE: Variable	PAGE: 1 OF 4	
	RECORD SIZE: 597 to 777		
	RECORD ACCESS KEY: EAFI-CH-KEY		
INPUT TO SUBSYSTEM (S) : Enforcement Actions (Temporary)			
FILE NAME: ENAC Case History File	FILE ID: EAFI	RECORD NAME: EAFI-CH-RECORD	

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME:	ENAC Case History File	FILE ID:	EAFI	RECORD NAME:	EAFI-CH-RECORD	PAGE: 2	OF 4

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		EAFI-CH-RECORD	GRP					1	777
03		EAFI-CH-KEY	GRP					1	5
05		EAFI-CH-CASE-ID		A/N	X(5)			1	5
03		EAFI-CH-RECORD-ORIGIN		A/N	X(1)			6	6
03		EAFI-CH-SORT-KEY	GRP					7	36
05		EAFI-CH-SORT-POSITION		A/N	X(30)			7	36
03		EAFI-CH-CASE-REF		A/N	X(12)			37	48
03		EAFI-CH-CASE-NAME		A/N	X(30)			49	78
03		EAFI-CH-ACTION-DATE		N	9(5)			79	83
03		EAFI-CH-CLOSE-OPEN-INDIC		A/N	X(1)			84	84
03		EAFI-CH-PLAINTIFF-INFO	GRP					85	115
05		EAFI-CH-PLAINTIFF-TYPE		A/N	X(1)			85	85
05		EAFI-CH-PLAINTIFF-NAME		A/N	X(30)			86	115
03		EAFI-CH-DEFENDANT-INFO	GRP					116	146

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: ENAC Case History File	FILE ID: EAFI	RECORD NAME: EAFI-CH-RECORD	PAGE: 3 OF 4

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
05		EAFI-CH-DEFENDANT-TYPE		A/N	X(1)			116	116
05		EAFI-CH-DEFENDANT-NAME		A/N	X(30)			117	146
03		EAFI-CH-CONSENT-ORDER	GRP					147	158
05		EAFI-CH-CONSENT-ORDER-NO		A/N	X(7)			147	153
05		EAFI-CH-CONS-ORD-DATE		N	9(5)			154	158
03		EAFI-CH-PERMIT-DATA	GRP					159	170
05		EAFI-CH-PERMIT-NO		A/N	X(7)			159	165
05		EAFI-CH-PERMIT-DATE		N	9(5)			166	170
03		EAFI-CH-PWS-ID		A/N	X(7)			171	177
03		EAFI-CH-PWS-STATE		A/N	X(2)			178	179
03		EAFI-CH-VIOLATIONS	GRP			10		180	289
05		EAFI-CH-VIOLATION-DATE		N	9(5)				
05		EAFI-CH-CONTAMINANT-ID		A/N	X(4)				
05		EAFI-CH-VIOLATION-CODE		A/N	X(2)				

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: ENAC Case History File	FILE ID: EAFI	RECORD NAME: EAFI-CH-RECORD	PAGE: 4 OF 4

620

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03		EAFI-CH-CASE--ABSTRACT		A/N	X(30)	10		290	589
03		EAFI-CH-LEGAL-STATUS		A/N	X(1)			590	590
03		EAFI-CH-LAST-UPDATE-DATE		N	9(5)			591	595
03		EAFI-CH-MILESTONE-NO		N	9(2)			596	597
03		EAFI-CH-MILESTONE-INFO	GRP			15		598	777
05		EAFI-CH-TARGET-DATE		N	9(5)				
05		EAFI-CH-ATTAINED-DATE		N	9(5)				
05		EAFI-CH-MILESTONE-CODE		A/N	X(2)				

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :	DATE: 2/28/77	EXHIBIT: ENAC.204
	RECORD TYPE: Fixed RECORD SIZE: 80	PAGE: 1 OF 2
	RECORD ACCESS KEY: EAFI-ADD-DEL-REQ-CASE-ID EAFI-ADD-DEL-REQ-TRAN-CODE	
INPUT TO SUBSYSTEM (S) : Enforcement Actions Transaction		
FILE NAME: Input Transactions	FILE ID: EAFI	RECORD NAME: EAFI-ADD-DEL-REQ-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Input Transactions	FILE ID: EAFI	RECORD NAME: EAFI-ADD-DEL-REQ-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		EAFI-ADD-DEL-REQ-RECORD	GRP					1	80
03		EAFI-ADD-DEL-REQ-CASE-ID		A/N	X(5)			1	5
03		EAFI-ADD-DEL-REQ-TRAN-CODE		A/N	X(2)			6	7
03		EAFI-ADD-DEL-REQ-DECISION		A/N	X(1)			8	8
03		FILLER		A/N	X(72)			9	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :	DATE: 2/28/77	EXHIBIT: ENAC.205
	RECORD TYPE: Fixed RECORD SIZE: 80	PAGE: 1 OF 2
	RECORD ACCESS KEY: EAFI-LEGAL-CASE-REF EAFI-LEGAL-REF-TRAN-CODE	
INPUT TO SUBSYSTEM (S) : Enforcement Actions Transaction		
FILE NAME: Input Transactions / FILE ID: EAFI		RECORD NAME: EAFI-LEGAL-REF-RECORD

623

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Input Transactions	FILE ID: EAFI	RECORD NAME: EAFI-LEGAL-REF-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		EAFI-LEGAL-REF-RECORD	GRP					1	80
03		EAFI-LEGAL-CASE-REF		A/N	X(5)			1	5
03		EAFI-LEGAL-REF-TRAN-CODE		A/N	X(2)			6	7
03		EAFI-CLOSE-OPEN-INDIC		A/N	X(1)			8	8
03		EAFI-LEGAL-REF		A/N	X(12)			9	20
03		EAFI-CASE-NAME		A/N	X(30)			21	50
03		EAFI-ACTION-DATE		A/N	X(6)			51	56
03		EAFI-LEGAL-STATUS		A/N	X(1)			57	57
03		EAFI-PWS-ID		A/N	X(7)			58	64
03		EAFI-MAILING-STATE		A/N	X(2)			65	66
03		Filler		A/N	X(14)			67	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

DATE: 2/28/77

EXHIBIT: ENAC.206

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 2

RECORD ACCESS KEY:

EAFI-PLAINT-DEF-CASE-ID
EAFI-PLAINT-DEF-TRAN-CODE

INPUT TO SUBSYSTEM (S) :

Enforcement Actions

Transaction

FILE NAME: Input Transactions

FILE ID: EAFI

RECORD NAME: EAFI-PLAINT-DEF-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Input Transactions	FILE ID: EAFI	RECORD NAME: EAFI-PLAINT-DEF-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		EAFI-PLAINT-DEF-RECORD	GRP					1	80
03		EAFI-PLAINT-DEF-CASE-ID		A/N	X(5)			1	5
03		EAFI-PLAINT-DEF-TRAN-CODE		A/N	X(2)			6	7
03		EAFI-PLAINTIFF-TYPE		A/N	X(1)			8	8
03		EAFI-PLAINTIFF-NAME		A/N	X(30)			9	38
03		EAFI-DEFENDANT-TYPE		A/N	X(1)			39	39
03		EAFI-DEFENDANT-NAME		A/N	X(30)			40	69
03		Filler		A/N	X(11)			70	80

626

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :	DATE: 2/28/77	EXHIBIT: ENAC. 207
	RECORD TYPE: Fixed	PAGE: 1 OF 2
	RECORD SIZE: 80	
	RECORD ACCESS KEY: EAFI-VIOLATION-CASE-ID EAFI-VIOLATION-TRAN-CODE	
INPUT TO SUBSYSTEM (S) : Enforcement Actions Transaction		
FILE NAME: Input Transactions	FILE ID: EAFI	RECORD NAME: EAFI-VIOLATION-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Input Transactions	FILE ID: EAFI	RECORD NAME: EAFI-VIOLATION-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		EAFI-VIOLATION-RECORD	GRP					1	80
03		EAFI-VIOLATION-CASE-ID		A/N	X(5)			1	5
03		EAFI-VIOLATION-TRAN-CODE		A/N	X(2)			6	7
03		EAFI-VIOLATION-TYPE		A/N	X(2)			8	9
03		EAFI-VIOLATION-DATE		A/N	X(6)			10	15
03		EAFI-VIOLATION-CONTAMINANT-ID		A/N	X(4)			16	19
03		Filler		A/N	X(2)			20	21
03		EAFI-DELETE-CODE		A/N	X(1)			22	22
03		Filler		A/N	X(58)			23	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :	DATE: 2/28/77	EXHIBIT: ENAC.208
	RECORD TYPE: Fixed	PAGE: 1 OF 2
	RECORD SIZE: 80	
	RECORD ACCESS KEY: EAFI-CON-PERM-CASE-ID EAFI-CON-PERM-TRAN-CODE	
INPUT TO SUBSYSTEM (S) : Enforcement Actions		
Transaction		
FILE NAME: Input Transactions	FILE ID: EAFI	RECORD NAME: EAFI-CON-PERM-RECORD

629

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Input Transactions	FILE ID: EAFI	RECORD NAME: EAFI-CON-PERM-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		EAFI-CON-PERM-RECORD	GRP					1	80
03		EAFI-CON-PERM-CASE-ID		A/N	X(5)			1	5
03		EAFI-CON-PERM-TRAN-CODE		A/N	X(2)			6	7
03		EAFI-CONSENT-ORDER-NO		A/N	X(7)			8	14
03		EAFI-CONSENT-ORDER-DATE		A/N	X(6)			15	20
03		EAFI-PERMIT-NO		A/N	X(7)			21	27
03		EAFI-PERMIT-DATE		A/N	X(6)			28	33
03		Filler		A/N	X(47)			34	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

631

OUTPUT OF SUBSYSTEM (S) :	DATE: 2/28/77	EXHIBIT: ENAC.209
	RECORD TYPE: Fixed	PAGE: 1 OF 2
	RECORD SIZE: 80	
	RECORD ACCESS KEY: EAFI-CASE-ABSTRACT-CASE-ID EAFI-CASE-ABSTRACT-TRAN-CODE	
INPUT TO SUBSYSTEM (S) : Enforcement Actions		
FILE NAME: Input Transactions	FILE ID: EAFI	RECORD NAME: EAFI-CASE-ABSTRACT-RECORD

Transaction

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME:	FILE ID:	RECORD NAME:	PAGE:
Enforcement Actions Update Transaction File	EAFI	EAFI-CASE-ABSTRACT-RECORD	2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		EAFI-CASE-ABSTRACT-RECORD	GRP					1	80
03		EAFI-CASE-ABSTRACT-CASE-ID		A/N	X(5)			1	5
03		EAFI-CASE-ABSTRACT-TRAN-CODE		A/N	X(2)			6	7
03		EAFI-CASE-ABSTRACT		A/N	X(30)			8	37
03		Filler		A/N	X(43)			38	80

632

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :	DATE: 2/28/77	EXHIBIT: ENAC.210
	RECORD TYPE: Fixed RECORD SIZE: 80	PAGE: 1 OF 2
	RECORD ACCESS KEY: EAFI-MILESTONE-CASE-ID EAFI-MILESTONE-TRAN-CODE	
INPUT TO SUBSYSTEM (S) : Enforcement Actions		
FILE NAME: Input Transactions Transaction	FILE ID: EAFI	RECORD NAME: EAFI-MILESTONE-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Input Transactions	FILE ID: EAFI	RECORD NAME: EAFI-MILESTONE-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		EAFI-MILESTONE-RECORD	GRP					1	80
03		EAFI-MILESTONE-CASE-ID		A/N	X(5)			1	5
03		EAFI-MILESTONE-TRAN-CODE		A/N	X(2)			6	7
03		EAFI-MILESTONE-CODE		A/N	X(2)			8	9
03		EAFI-TARGET-DATE		A/N	X(6)			10	15
03		EAFI-MILESTONE-ATTAINED-DATE		A/N	X(6)			16	21
03		EAFI-MILESTONE-DELETE		A/N	X(1)			22	22
03		Filler		A/N	X(58)			23	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

635

OUTPUT OF SUBSYSTEM (S) :		DATE: 2-8-77	EXHIBIT: ENAC.211
		RECORD TYPE: Fixed RECORD SIZE: 80	PAGE: 1 OF 2
INPUT TO SUBSYSTEM (S) : Enforcement Actions		RECORD ACCESS KEY: EAFI-EA20-PROC-ID	
FILE NAME: Processing Options	FILE ID: EAFI	RECORD NAME: EAFI-EA20-PROC-RECORD	

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Processing Options	FILE ID: EAFI	RECORD NAME: EAFI-EA20-PROC-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		EAFI-EA20-PROC-RECORD	GRP					1	80
03		EAFI-EA20-PROC-ID		A/N	X(4)			1	4
03		EAFI-EA20-PROC-DATE		A/N	X(6)			5	10
03		FILLER		A/N	X(3)			11	13
03		EAFI-EA20-PROC-CL-REPORT		A/N	X(1)			14	14
03		EAFI-EA20-PROC-CH-REPORT		A/N	X(1)			15	15
03		FILLER		A/N	X(65)			16	80

636

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :	DATE: 2-8-77	EXHIBIT: ENAC.212	
	RECORD TYPE: Fixed	PAGE: 1 OF 2	
	RECORD SIZE: 80		
	RECORD ACCESS KEY: EAFI-SORT-ID		
INPUT TO SUBSYSTEM (S) : Enforcement Actions			
FILE NAME: Processing Options	FILE ID: EAFI	RECORD NAME: EAFI-SORT-RECORD	

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Processing Options	FILE ID: EAFI	RECORD NAME: EAFI-SORT-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		EAFI-SORT-RECORD	GRP					1	80
03		EAFI-SORT-ID		A/N	X(4)			1	4
03		EAFI-SORT-INFORMATION	GRP			5		5	69
05		EAFI-SORT-SEQUENCE		A/N	X(2)				
05		EAFI-SORT-MNEMONIC		A/N	X(10)				
05		EAFI-SORT-MODE		A/N	X(1)				
03		FILLER		A/N	X(11)			70	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :	DATE: 2-8-77	EXHIBIT: ENAC.213
	RECORD TYPE: Fixed	PAGE: 1 OF 2
	RECORD SIZE: 80	
	RECORD ACCESS KEY: EAFI-SELECT-1-ID EAFI-SELECT-1-DE-NO	
INPUT TO SUBSYSTEM (S) : Enforcement Actions		
FILE NAME: Processing Options	FILE ID: EAFI	RECORD NAME: EAFI-SELECT-1-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Processing Options	FILE ID: EAFI	RECORD NAME: EAFI-SELECT-1-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		EAFI-SELECT-1-RECORD	GRP					1	80
03		EAFI-SELECT-1-ID		A/N	X(4)			1	4
03		EAFI-SELECT-1-MNEMONIC		A/N	X(10)			5	14
03		EAFI-SELECT-1-DE-VALUE		A/N	X(15)			15	29
03		EAFI-SELECT-1-DE-NO		A/N	X(2)			30	31
03		FILLER		A/N	X(49)			32	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :	DATE: 2-8-77	EXHIBIT: ENAC.214
	RECORD TYPE: Fixed	PAGE: 1 OF 2
	RECORD SIZE: 80	
INPUT TO SUBSYSTEM (S) : Enforcement Actions	RECORD ACCESS KEY: EAFI-SELECT-2-ID	
FILE NAME: Processing Options / FILE ID: EAFI		RECORD NAME: EAFI-SELECT-2-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Processing Options	FILE ID: EAFI	RECORD NAME: EAFI-SELECT-2-RECORD	PAGE: 2 OF 2

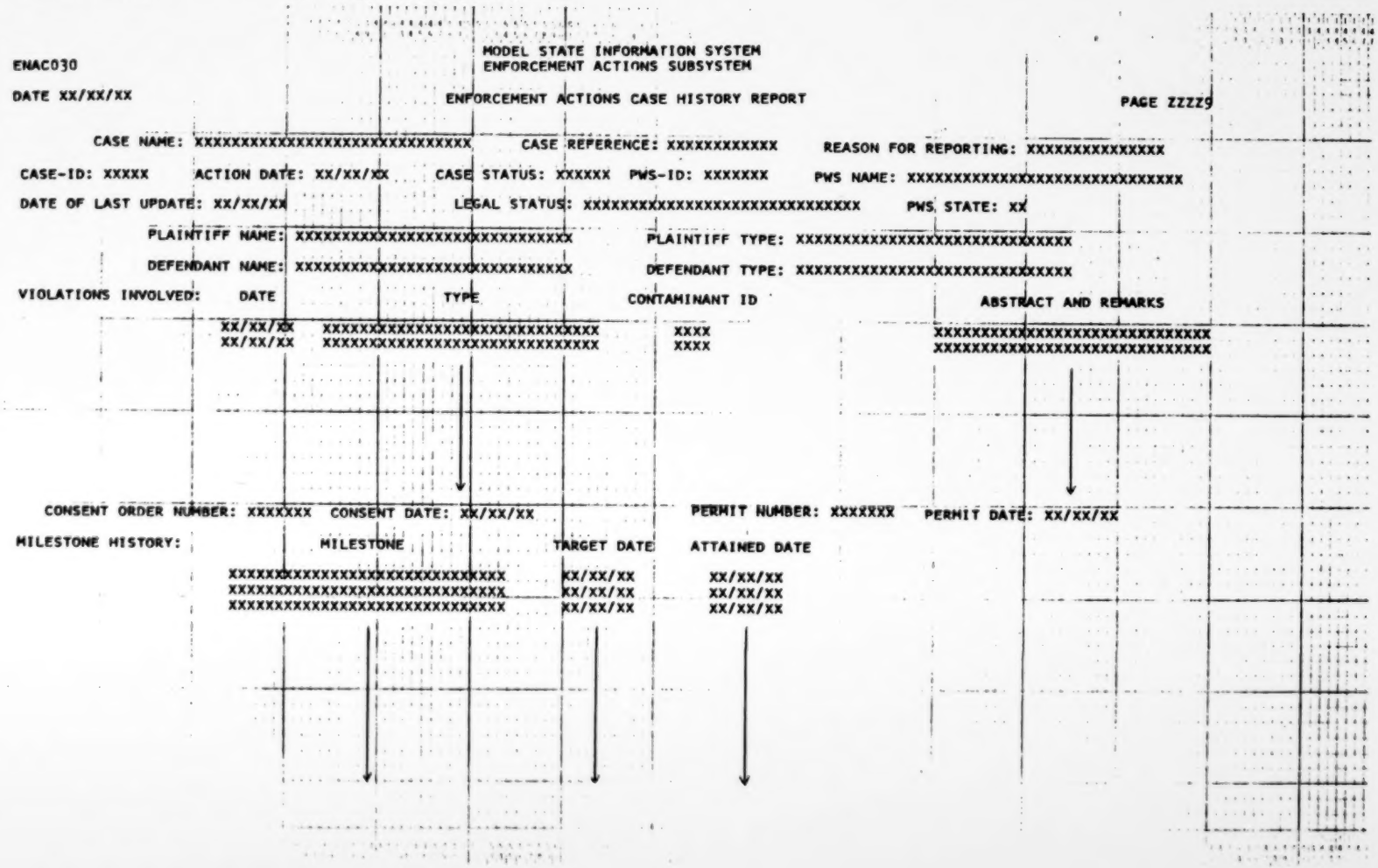
FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		EAFI-SELECT-2-RECORD	GRP					1	80
03		EAFI-SELECT-2-ID		A/N	X(4)			1	4
03		EAFI-SELECT-2-SYMBOL		A/N	X(2)	35		5	74
03		FILLER		A/N	X(6)			75	80

642

ENAC030 1 OF 1
2/15/77

CASE HISTORY REPORT MODULE
SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER
EXHIBIT ENAC.300



ENAC040 1 OF 1
2/8/77

CONDENSED REPORT MODULE
SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER
EXHIBIT ENAC.301

MODEL STATE INFORMATION SYSTEM
ENFORCEMENT ACTIONS SUBSYSTEM

ENAC040

ENFORCEMENT ACTIONS CONDENSED REPORT

DATE XX/XX/XX

PAGE ZZZZ9

CASE ID	CASE REFERENCE	CASE TITLE	PLAINTIFF TYPE	DEFENDANT TYPE	ACTION DATE	CASE STATUS ③	PWS-ID	****** VIOLATIONS DATE	TYPE	******** CONTAMINANT
XXXXX	XXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	X	X	XX/XX/XX	XXXXXX	XXXXXXX	XX/XX/XX	XX	XXXX ①
								XX/XX/XX	XX	XXXX
								XX/XX/XX	XX	XXXX
XXXXX	XXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	X	X	XX/XX/XX	XXXXXX ③	XXXXXXX	XX/XX/XX	XX	XXXX

*** NUMBER OF ACTIONS FOR PWS: 99999 *** ②

① THERE MAY BE UP TO TEN VIOLATIONS PER ENFORCEMENT ACTION

② THIS TOTAL IS ONLY CALCULATED AND PRINTED IF THE MAJOR SORT KEY WAS PWS-ID

③ X'S TO BE REPLACED BY OPEN OR CLOSED

SAVY010

MODEL STATE INFORMATION SYSTEM
SANITARY SURVEY SUBSYSTEM

SAVY.100

PROCESSING OPTIONS FOR JOB _____

CARD ID: P A G C (1-4)

DATE: M D Y (5-10)

SELECTION WEIGHTS

TYPE OF WATER SUPPLY (11-12)

POPULATION SERVED (13-14)

HISTORY OF PAST VIOLATIONS (15-16)

DATE OF LAST SANITARY SURVEY (17-18)

TYPE OF SOURCE WATER (19-20)

PRIORITY REPORT (21)

SCHEDULE REPORT (22)

PRIORITY OPTION (23)

SURVEYING CAPACITY (24-27)

REGION/DISTRICT

28-29 30-31 32-33 34-35 36-37 38-39

40-41 42-43 44-45 46-47

SURVEYING PERIOD

FROM M D Y (48-53)

TO M D Y (54-59)

PWF REPORT OPTION (60)

1 = DO NOT PRODUCE A REPORT
2 = PRODUCE A REPORT ON THE PREPRINTED STATUS AND ENTRY FORM (TURNAROUND DOCUMENT)
3 = PRODUCE A COMPREHENSIVE REPORT

PREPARED BY _____ DATE __/__/__

APPROVED BY _____ DATE __/__/__

SAVY010

MODEL STATE INFORMATION SYSTEM
SANITARY SURVEY SUBSYSTEM

SAVY.101

SORT OPTIONS FOR JOB _____

CARD ID	SORT SEQUENCE	MNEMONIC NAME OF DATA ELEMENT	SORT MODE	
S O R T (1-4)	5-6	7-16	17	A=ASCENDING D=DESCENDING
	18-19	20-29	30	A=ASCENDING D=DESCENDING
	31-32	33-42	43	A=ASCENDING D=DESCENDING
	44-45	46-55	56	A=ASCENDING D=DESCENDING
	57-58	59-68	69	A=ASCENDING D=DESCENDING

PREPARED BY _____ DATE __/__/__

APPROVED BY _____ DATE __/__/__

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :	DATE: 2-28-77	EXHIBIT: SRVY.200
	RECORD TYPE: Fixed	PAGE: 1 OF 3
	RECORD SIZE: 80	
		RECORD ACCESS KEY: SRVI-PROC-ID
INPUT TO SUBSYSTEM (S) : Sanitary Survey		
FILE NAME: Processing Options	FILE ID: SRVI Temporary	RECORD NAME: SRVI-PROC-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Processing Options	FILE ID: SRVI	RECORD NAME: SRVI-PROC-RECORD	PAGE: 2 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		SRVI-PROC-RECORD	GRP					1	80
03		SRVI-PROC-ID		A/N	X(4)			1	4
03		SRVI-PROC-DATE		A/N	X(6)			5	10
03		SRVI-PROC-TYPE-WT		A/N	X(2)			11	12
03		SRVI-PROC-POP-WT		A/N	X(2)			13	14
03		SRVI-PROC-COMP-WT		A/N	X(2)			15	16
03		SRVI-PROC-LAST-DATE-WT		A/N	X(2)			17	18
03		SRVI-PROC-SOURCE-WT		A/N	X(2)			19	20
03		SRVI-PROC-PRIORITY-REPORT		A/N	X(1)			21	21
03		SRVI-PROC-SCHEDULE-REPORT		A/N	X(1)			22	22
03		SRVI-PROC-PRIORITY-OPTION		A/N	X(1)			23	23
03		SRVI-PROC-CAPACITY		A/N	X(4)			24	27
03		SRVI-PROC-REGION-DISTRICT		A/N	X(4)	5		28	47
03		SRVI-PROC-FROM-DATE		A/N	X(6)			48	53

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Processing Options	FILE ID: SRVI	RECORD NAME: SRVI-PROC-RECORD	PAGE: 3 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03		SRVI-PROC-TO-DATE		A/N	X(6)			54	59
03		SRVI-PROC-PWFI-REPORT-OPTION		A/N	X(1)			60	60
03		FILLER		A/N	X(20)			61	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :	DATE: 2-28-77	EXHIBIT: SRVY.201
	RECORD TYPE: Fixed RECORD SIZE: 80	PAGE: 1 OF 2
	RECORD ACCESS KEY: SRVI-SORT-ID	
INPUT TO SUBSYSTEM (S) : Sanitary Survey		
FILE NAME: Sort Options	FILE ID: SRVI Temporary	RECORD NAME: SRVI-SORT-RECORD

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MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Sort Options	FILE ID: SRVI	RECORD NAME: SRVI-SORT-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		SRVI-SORT-RECORD	GRP					1	80
03		SRVI-SORT-ID		A/N	X(4)			1	4
03		SRVI-SORT-INFORMATION	GRP			5		5	69
05		SRVI-SORT-SEQUENCE		A/N	X(2)				
05		SRVI-SORT-MNEMONIC		A/N	X(10)				
05		SRVI-SORT-MODE		A/N	X(1)				
03		FILLER		A/N	X(11)			70	80

EXHIBIT NO. SRVY.202

has been intentionally left out.

NOTES

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) : Sanitary Survey	DATE: 2-28-77	EXHIBIT: SRVY.203
	RECORD TYPE: Fixed	PAGE: 1 OF 3
	RECORD SIZE: 161	
	RECORD ACCESS KEY: SRVI-P-PWS-ID	
INPUT TO SUBSYSTEM (S) : Sanitary Survey		
FILE NAME: Survey Priority File (Temporary)	FILE ID: SRVI	RECORD NAME: SRVI-P-REPORT-RECORD

655

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Survey Priority File	FILE ID: SRVI	RECORD NAME: SRVI-P-REPORT-RECORD	PAGE: 2 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		SRVI-P-REPORT-RECORD	GRP					1	161
03		SRVI-P-SORT-KEY		A/N	X(30)			1	30
03		SRVI-P-STATE-REGION		A/N	X(2)			31	32
03		SRVI-P-STATE-DISTRICT		A/N	X(2)			33	34
03		SRVI-P-PWS-ID		A/N	X(7)			35	41
03		SRVI-P-MAILING-NAME		A/N	X(30)			42	71
03		SRVI-P-MAILING-STREET		A/N	X(30)			72	101
03		SRVI-P-MAILING-CITY		A/N	X(30)			102	131
03		SRVI-P-MAILING-STATE		A/N	X(2)			132	133
03		SRVI-P-MAILING-ZIP-CODE		A/N	X(5)			134	138
03		SRVI-P-PLANT-TYPE		A/N	X(1)			139	139
03		SRVI-P-POPULATION-SERVED		A/N	X(9)			140	148
03		SRVI-P-VIOLATIONS		A/N	X(2)			149	150
03		SRVI-P-LAST-SURVEY-DATE		N	9(5)			151	155

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Survey Priority File	FILE ID: SRVI	RECORD NAME: SRVI-P-REPORT-RECORD	PAGE: 3 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03		SRVI-P-PLANT-SOURCE-CODE		A/N	X(1)			156	156
03		SRVI-P-SELECTION-KEY		N	9V9999			157	161

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Sanitary Survey

DATE: 2-28-77

EXHIBIT: SRVY.204

RECORD TYPE: FIXED

RECORD SIZE: 161

PAGE: 1 OF 3

RECORD ACCESS KEY:

SRVI-PH-SORT-KEY

INPUT TO SUBSYSTEM (S) :

Sanitary Survey

Temporary

FILE NAME: Survey Priority File

FILE ID: SRVI

RECORD NAME: SRVI-P-HEADER-RECORD

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MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Survey Priority File	FILE ID: SRVI	RECORD NAME: SRVI-P-HEADER-RECORD	PAGE: 2 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		SRVI-P-HEADER-RECORD	GRP					1	161
03		SRVI-PH-SORT-KEY		A/N	X(30)			1	30
03		SRVI-PH-CURRENT-DATE		A/N	X(6)			31	36
03		SRVI-PH-FROM-DATE		A/N	X(6)			37	42
03		SRVI-PH-TO-DATE		A/N	X(6)			43	48
03		SRVI-PH-CAPACITY		A/N	X(4)			49	52
03		SRVI-PH-TYPE-WT		N	9V9			53	54
03		SRVI-PH-POP-WT		N	9V9			55	56
03		SRVI-PH-COMP-WT		N	9V9			57	58
03		SRVI-PH-LAST-DATE-WT		N	9V9			59	60
03		SRVI-PH-SOURCE-WT		N	9V9			61	62
03		SRVI-PH-PWFI-REPORT-OPTION		A/N	X(1)			63	63
03		SRVI-PH-SCHEDULE-REPORT		A/N	X(1)			64	64
03		SRVI-PH-PRIORITY-REPORT		A/N	X(1)			65	65

099

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Survey Priority File	FILE ID: SRVI	RECORD NAME: SRVI-P-HEADER-RECORD	PAGE: 3 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03		SRVI-PH-REPORT-TITLE		A/N	X(15)			66	80
03		SRVI-PH-DISTRIBUTION-FACTOR		N	9(3)			81	83
03		SRVI-PH-PRIORITY-OPTION		A/N	X(1)			84	84
03		FILLER		A/N	X(77)			85	161

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) : Sanitary Survey	DATE: 2-28-77	EXHIBIT: SRVY.205
	RECORD TYPE: FIXED	PAGE: 1 OF 3
	RECORD SIZE: 161	
	RECORD ACCESS KEY: SRVI-S-PWS-ID	
INPUT TO SUBSYSTEM (S) : Sanitary Survey		
FILE NAME: Survey Schedule File Temporary	FILE ID: SRVI	RECORD NAME: SRVI-S-REPORT-RECORD

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MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Survey Schedule File	FILE ID: SRVI	RECORD NAME: SRVI-S-REPORT-RECORD	PAGE: 2 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		SRVI-S-REPORT-RECORD	GRP					1	161
03		SRVI-S-SORT-KEY		A/N	X(30)			1	30
03		SRVI-S-STATE-REGION		A/N	X(2)			31	32
03		SRVI-S-STATE-DISTRICT		A/N	X(2)			33	34
03		SRVI-S-PWS-ID		A/N	X(7)			35	41
03		SRVI-S-MAILING NAME		A/N	X(30)			42	71
03		SRVI-S-MAILING-STREET		A/N	X(30)			72	101
03		SRVI-S-MAILING-CITY		A/N	X(30)			102	131
03		SRVI-S-MAILING-STATE		A/N	X(2)			132	133
03		SRVI-S-MAILING-ZIP-CODE		A/N	X(5)			134	138
03		SRVI-S-PLANT-TYPE		A/N	X(1)			139	139
03		SRVI-S-POPULATION-SERVED		A/N	X(9)			140	148
03		SRVI-S-VIOLATIONS		A/N	X(2)			149	150
03		SRVI-S-LAST-SURVEY-DATE		N	9(5)			151	155

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Survey Schedule File	FILE ID: SRVI	RECORD NAME: SRVI-S-REPORT-RECORD	PAGE: 3 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03		SRVI-S-PLANT-SOURCE-CODE		A/N	X(1)			156	156
03		SRVI-S-SELECTION-KEY		N	9V9999			157	161

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) : Sanitary Survey	DATE: 2-28-77	EXHIBIT: SRVY.206
	RECORD TYPE: FIXED RECORD SIZE: 161	PAGE: 1 OF 3
	RECORD ACCESS KEY: SRVI-SH-SORT-KEY	
INPUT TO SUBSYSTEM (S) : Sanitary Survey		
FILE NAME: Survey Schedule File	FILE ID: SRVI	RECORD NAME: SRVI-S-HEADER-RECORD

Temporary

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MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Survey Schedule File	FILE ID: SRVI	RECORD NAME: SRVI-S-HEADER-RECORD	PAGE: 2 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		SRVI-S-HEADER-RECORD	GRP					1	161
03		SRVI-SH-SORT-KEY		A/N	X(30)			1	30
03		SRVI-SH-CURRENT-DATE		A/N	X(6)			31	36
03		SRVI-SH-FROM-DATE		A/N	X(6)			37	42
03		SRVI-SH-TO-DATE		A/N	X(6)			43	48
03		SRVI-SH-CAPACITY		A/N	X(4)			49	52
03		SRVI-SH-TYPE-WT		N	9V9			53	54
03		SRVI-SH-POP-WT		N	9V9			55	56
03		SRVI-SH-COMP-WT		N	9V9			57	58
03		SRVI-SH-LAST-DATE-WT		N	9V9			59	60
03		SRVI-SH-SOURCE-WT		N	9V9			61	62
03		SRVI-SH-PWFI-REPORT-OPTION		A/N	X(1)			63	63
03		SRVI-SH-SCHEDULE-REPORT		A/N	X(1)			64	64
03		SRVI-SH-PRIORITY-REPORT		A/N	X(1)			65	65

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Survey Schedule File	FILE ID: SRVI	RECORD NAME: SRVI-S-HEADER-RECORD	PAGE: 3 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03		SRVI-SH-REPORT-TITLE		A/N	X(15)			66	80
03		SRVI-SH-DISTRIBUTION-FACTOR		N	9(3)			81	83
03		SRVI-SH-PRIORITY-OPTION		A/N	X(1)			84	84
03		FILLER		A/N	X(77)			85	161

669

SRVY020 1 OF 1
4/1/77

SCHEDULE REPORT MODULE
SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER
EXHIBIT SRVY.300

SRVY020 MODEL STATE INFORMATION SYSTEM
SANITARY SURVEY SUBSYSTEM
PRIORITY REPORT PAGE ZZZZ9

SELECTION WEIGHTS: PWS TYPE - X.X POPULATION SERVED - X.X COMPLIANCE - X.X LAST SURVEY DATE - X.X TYPE SOURCE - X.X

REGION/ DISTRICT	PWS NAME	ADDRESS	PWS TYPE	POPULATION SERVED	VIOLATIONS IN LAST TWO YEARS	LAST SURVEY DATE	TYPE SOURCE	SELECTION KEY
XX / XX	XXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXX	X	XXXXXXXXX	XX	XX/XX/XX	XXXXXXX	X.XXXX
	PWS-ID: XXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXX XX XXXXX						
XX / XX	XXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXX	X	XXXXXXXXX	XX	XX/XX/XX	XXXXXXX	X.XXXX
	PWS-ID: XXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXX XX XXXXX						

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SRVY020 1 OF 1
4/1/77

SCHEDULE REPORT MODULE
SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER
EXHIBIT SRVY.301

SRVY020

MODEL STATE INFORMATION SYSTEM
SANITARY SURVEY SUBSYSTEM
SCHEDULE REPORT

PAGE ZZZZ9

FROM XX/XX/XX TO XX/XX/XX SURVEYING CAPACITY: XXXX

SELECTION WEIGHTS: PWS TYPE - X.X POPULATION SERVED - X.X COMPLIANCE - X.X LAST SURVEY DATE - X.X TYPE SOURCE - X.X

REGION/ DISTRICT	PWS NAME	ADDRESS	PWS TYPE	POPULATION SERVED	VIOLATIONS IN LAST TWO YEARS	LAST SURVEY DATE	TYPE SOURCE	SELECTION KEY
XX / XX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX PWS-ID: XXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XX XXXXX	X	XXXXXXXXX	XX	XX/XX/XX	XXXXXXX	X.XXXX
XX / XX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX PWS-ID: XXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XX XXXXX	X	XXXXXXXXX	XX	XX/XX/XX	XXXXXXX	X.XXXX

OPERDID

MODEL STATE INFORMATION SYSTEM
OPERATOR AND MAILING SUBSYSTEM

OPER.100

RECORD CREATION AND MAINTENANCE FORM

O&M IDENTIFICATION [ ][ ][ ][ ][ ] 1 - 5

CARD CODE [0][0] 6-7

RECORD CREATION [ ] 8

ENTER A 'Y' IF CREATING A NEW RECORD
ONLY PUNCH THIS CARD IF A 'Y' IS ENTERED

DUP 1 - 5 [0][1] 6-7

O&M TYPE [ ] 8

NAME [ ] 9-38

STREET ADDRESS [ ] 39-68

DUP 1 - 5 [0][2] 6-7

CITY [ ] 8-37

STATE [ ][ ] 38-39

ZIPCODE [ ][ ][ ][ ][ ] 40 - 44

AREA CODE [ ][ ][ ] 45-47

PHONE NUMBER [ ][ ][ ][ ][ ][ ][ ] 48 - 54

DUP 1 - 5 [0][3] 6-7

CERTIFICATE NUMBER [ ][ ][ ][ ][ ][ ][ ] 8 - 14

PWS ID [ ][ ][ ][ ][ ][ ][ ] 15 - 21

OPERATOR CLASS A [ ] 22 B [ ] 23 C [ ] 24 D [ ] 25 E [ ] 26 F [ ] 27

CERTIFICATE RENEWAL DATE M [ ][ ] D [ ][ ] Y [ ][ ] 28 - 33

O&M IDENTIFICATION [ ][ ][ ][ ][ ] 1 - 5

[9][9] 6-7

RECORD DELETION [ ] 8

ENTER A 'Y' IF DELETING A RECORD
ONLY PUNCH THIS CARD IF A 'Y' IS ENTERED

PREPARED BY _____ DATE __/__/__

APPROVED BY _____ DATE __/__/__

OPER010

MODEL STATE INFORMATION SYSTEM
OPERATOR AND MAILING SUBSYSTEM

OPER.101

PROCESSING OPTIONS FOR JOB _____

CARD ID [P][R][O][C] 1-4

DATE M D Y [ ][ ]/[ ][ ]/[ ][ ] 5-10

STANDARD ERROR PROCESSING OPTIONS: [ ] 11
Y = YES CREATE A SPECIAL OUTPUT FILE OF ERROR RECORDS
N = NO

[ ] 12
Y = YES PRINT ONLY THE DATA ELEMENT FIELDS WHICH WERE IN ERROR - NOT THE ENTIRE RECORD
N = NO

STANDARD HISTORY PROCESSING OPTION: [ ] 13
SELECT THE CODE FOR THE TYPE OF HISTORY REPORT TO BE PRINTED
1 = ONLY NEW STANDARD HISTORY FILE RECORDS
2 = ALL THE STANDARD HISTORY FILE RECORDS WHICH WERE EVER CREATED FROM THIS SUBSYSTEM
3 = THE ENTIRE STANDARD HISTORY FILE
4 = DO NOT PRINT A REPORT

PREPARED BY_____ DATE __/__/__

APPROVED BY_____ DATE __/__/__

OPER020

MODEL STATE INFORMATION SYSTEM
OPERATOR AND MAILING SUBSYSTEM

OPER.102

PROCESSING OPTIONS FOR JOB _____

CARD ID: P A O C (1-4)

DATE: M D Y (5-10)

REPORT OPTIONS:

☐ 14 Y = YES, N = NO — PRODUCE CERTIFIED OPERATORS REPORT

☐ 15 Y = YES, N = NO — PRODUCE MAILING DISTRIBUTION REPORT

☐ 16 Y = YES, N = NO — PRODUCE MAILING LABELS

☐ 17 NUMBER OF LABELS

PREPARED BY _____ DATE __/__/__

APPROVED BY _____ DATE __/__/__

OPER020

MODEL STATE INFORMATION SYSTEM
OPERATOR AND MAILING SUBSYSTEM

OPER.103

SORT OPTIONS FOR JOB _____

CARD ID	SORT SEQUENCE	MNEMONIC NAME OF DATA ELEMENT	SORT MODE	
S O R T				A=ASCENDING D=DESCENDING
1-4	5-6	7-16	17	
	18-19	20-29	30	A=ASCENDING D=DESCENDING
	31-32	33-42	43	A=ASCENDING D=DESCENDING
	44-45	46-55	56	A=ASCENDING D=DESCENDING
	57-58	59-68	69	A=ASCENDING D=DESCENDING

PREPARED BY _____ DATE __/__/__

APPROVED BY _____ DATE __/__/__

OPERA020

MODEL STATE INFORMATION SYSTEM
OPERATOR AND MAILING SUBSYSTEM

OPER.104

PUBLIC HISTORY PROCESSING

SELECTION FORM - DEFINITION OF DATA ELEMENTS

CARD ID

S	E	L	1

1-4

DUP 1 - 4

DATA ELEMENT MNEMONIC NAME	DATA ELEMENT COMPARATIVE VALUE	DATA ELEMENT LOGIC ID NO.
5-14	15-29	30-31

PREPARED BY _____ DATE __/__/__

APPROVED BY _____ DATE __/__/__

OPER020

MODEL STATE INFORMATION SYSTEM
OPERATOR AND MAILING SUBSYSTEM

OPER.105

SELECTION FORM - DEFINITION OF LOGIC FOR SELECTION

RELATION SYMBOLS: LT = LESS THAN
EQ = EQUAL
GT = GREATER THAN
NL = NOT LESS THAN
NG = NOT GREATER THAN
NX = NOT EXISTS (EMPTY)

CARD ID	DATA ELEMENT LOGIC ID NO.	RELATION SYMBOL	DATA ELEMENT LOGIC ID NO.	RELATION SYMBOL	DATA ELEMENT LOGIC ID NO.	RELATION SYMBOL	DATA ELEMENT LOGIC ID NO.	RELATION SYMBOL
SEL2 (1-4)	01	5-6	02	7-8	03	9-10	04	11-12
	05	13-14	06	15-16	07	17-18	08	19-20
	09	21-22	10	23-24	11	25-26	12	27-28
	13	29-30	14	31-32	15	33-34	16	35-36
	17	37-38	18	39-40	19	41-42	20	43-44
	21	45-46	22	47-48	23	49-50	24	51-52
	25	53-54	26	55-56	27	57-58	28	59-60
	29	61-62	30	63-64	31	65-66	32	67-68
	33	69-70	34	71-72	35	73-74		

PREPARED BY _____ DATE __/__/__

APPROVED BY _____ DATE __/__/__

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) : Operator and Mailing	DATE: 8-20-76	EXHIBIT: OPER.200	
	RECORD TYPE: Fixed	PAGE: 1 OF 3	
	RECORD SIZE: 143		
	RECORD ACCESS KEY: OMF-KEY		
INPUT TO SUBSYSTEM (S) : Operator and Mailing			
FILE NAME: Operator and Mailing File	FILE ID: OMF	RECORD NAME: OMF-RECORD	

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME:	Operator and Mailing File	FILE ID:	OMF	RECORD NAME:	OMF-RECORD	PAGE:	2 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		OMF-RECORD	GRP					1	143
03		OMF-KEY	GRP					1	5
05	OM-ADS-ID	OMF-ADDRESSEE-ID	478	A/N	X(5)			1	5
03	OM-ADS-TYP	OMF-ADDRESSEE-TYPE	479	A/N	X(1)			6	6
03	OM-ADS-NAM	OMF-ADDRESSEE-NAME	480	A/N	X(30)			7	36
03	OM-ADS-STR	OMF-ADDRESSEE-STREET	481	A/N	X(30)			37	66
03	OM-ADS-CTY	OMF-ADDRESSEE-CITY	482	A/N	X(30)			67	96
03	OM-ADS-STA	OMF-ADDRESSEE-STATE	483*	A/N	X(2)			97	98
03	OM-ADS-ZIP	OMF-ADDRESSEE-ZIP-CODE	484	A/N	X(5)			99	103
03		OMF-ADDRESSEE-PHONE	GRP					104	113
05	OM-AREA-CD	OMF-AREA-CODE	485	A/N	X(3)			104	106
05	OM-PH-NUM	OMF-PHONE-NUMBER	486	A/N	X(7)			107	113
03	OM-LST-UPD	OMF-LAST-UPDATE-DATE	487	N	9(5)			114	118
03		OMF-OPERATOR-INFORMATION	GRP					119	143

*See Data Element Dictionary: Appendix A

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME:	Operator and Mailing File	FILE ID:	OMF	RECORD NAME:	OMF-RECORD	PAGE:	3	OF	3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
05	OM-CER-NUM	OMF-CERTIFICATE-NUMBER	488	A/N	X(7)			119	125
05	OM-PWS-ID	OMF-PWS-ID	489	A/N	X(7)			126	132
05	OM-OP-CLS	OMF-OPERATOR-CLASS	490	A/N	X(1)	6		133	138
05	OM-RNL-DT	OMF-RENEWAL-DATE	491	N	9(5)			139	143

MODEL STATE INFORMATION SYSTEM

RECORD DEFI[illegible]ION

OUTPUT OF SUBSYSTEM (S) :	DATE: 12/7/76	EXHIBIT: OPER.201
	RECORD TYPE: FIXED	PAGE: 1 OF 2
	RECORD SIZE: 80	
INPUT TO SUBSYSTEM (S) : OPERATOR AND MAILING	RECORD ACCESS KEY: OMFI-ID01 OMFI-TRAN-CODE01	
FILE NAME: INPUT TRANSACTIONS	FILE ID: OMFI	RECORD NAME: OMFI-NAME-RECORD

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MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: INPUT TRANSACTIONS	FILE ID: OMFI	RECORD NAME: OMFI-NAME-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		OMFI-NAME-RECORD	Grp					1	80
03		OMFI-IDØ1		A/N	X(5)			1	5
03		OMFI-TRAN-CODEØ1		A/N	X(2)			6	7
03		OMFI-ADDRESSEE-TYPE		A/N	X(1)			8	8
03		OMFI-ADDRESSEE-NAME		A/N	X(30)			9	38
03		OMFI-ADDRESSEE-STREET		A/N	X(30)			39	68
03		Filler			X(12)			69	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :	DATE: 12/7/76	EXHIBIT: OPER.202
	RECORD TYPE: FIXED	PAGE: 1 OF 2
	RECORD SIZE: 80	
	RECORD ACCESS KEY: OMFI-IDØ2 OMFI-TRAN-CODEØ2	
INPUT TO SUBSYSTEM (S) : OPERATOR AND MAILING		
FILE NAME: INPUT TRANSACTIONS	FILE ID: OMFI	RECORD NAME: OMFI-ADDRESS-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: INPUT TRANSACTIONS	FILE ID: OMFI	RECORD NAME: OMFI-ADDRESS-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		OMFI-ADDRESS-RECORD	Grp					1	80
03		OMFI-ID02		A/N	X(5)			1	5
03		OMFI-TRAN-CODE02		A/N	X(2)			6	7
03		OMFI-ADDRESSEE-CITY		A/N	X(30)			8	37
03		OMFI-ADDRESSEE-STATE		A/N	X(2)			38	39
03		OMFI-ADDRESSEE-ZIP-CODE		A/N	X(5)			40	44
03		OMFI-ADDRESSEE-PHONE	Grp					45	54
05		OMFI-AREA-CODE		A/N	X(3)			45	47
05		OMFI-PHONE-NUMBER		A/N	X(7)			48	54
03		FILLER		A/N	X(26)			55	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :	DATE: 12-7-76	EXHIBIT: OPER.203
	RECORD TYPE: Fixed	PAGE: 1 OF 2
	RECORD SIZE: 80	
	RECORD ACCESS KEY: OMFI-ID03 OMFI-TRAN-CODE	
INPUT TO SUBSYSTEM (S) : Operator and Mailing		
FILE NAME: Input Transactions / FILE ID: OMFI		RECORD NAME: OMFI-OPERATOR-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Input Transactions	FILE ID: OMFI	RECORD NAME: OMFI-OPERATOR-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		OMFI-OPERATOR-RECORD	GRP					1	80
03		OMFI-ID03		A/N	X(5)			1	5
03		OMFI-TRAN-CODE03		A/N	X(2)			6	7
03		OMFI-CERTIFICATE-NUMBER		A/N	X(7)			8	14
03		OMFI-PWS-ID		A/N	X(7)			15	21
03		OMFI-OPERATOR-CLASS		A/N	X(1)	6		22	27
03		OMFI-RENEWAL-DATE		A/N	X(6)			28	33
03		FILLER		A/N	X(47)			34	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :	DATE: 12-7-76	EXHIBIT: OPER.204
	RECORD TYPE: Fixed	PAGE: 1 OF 2
	RECORD SIZE: 80	
	RECORD ACCESS KEY: OMFI-ID00 OMFI-TRAN-CODE00	
INPUT TO SUBSYSTEM (S) : Operator and Mailing		
FILE NAME: Input Transactions	FILE ID: OMFI	RECORD NAME: OMFI-CREATION-DELETION-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Input Transactions	FILE ID: OMFI	RECORD NAME: OMFI-CREATION-DELETION-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		OMFI-CREATION-DELETION-RECORD	GRP					1	80
03		OMFI-ID00		A/N	X(5)			1	5
03		OMFI-TRAN-CODE00		A/N	X(2)			6	7
03		OMFI-CREATE-DELE-FLAG		A/N	X(1)			8	8
03		FILLER		A/N	X(72)			9	80

069

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

691

OUTPUT OF SUBSYSTEM (S) :

Operator and Mailing

INPUT TO SUBSYSTEM (S) :

Operator and Mailing

(Temporary File)

DATE: 1/12/77

EXHIBIT: OPER. 205

RECORD TYPE: Fixed

RECORD SIZE: 168

PAGE: 1 OF 3

RECORD ACCESS KEY:

OMFI-OR-REASON
OMFI-OR-ADDRESSEE-ID

FILE NAME: Operator's Report File

FILE ID: OMFI

RECORD NAME: OMFI-OPERATORS-REPORT-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Operators Report File	FILE ID: OMFI	RECORD NAME: OMFI-OPERATORS-REPORT-RECORD	PAGE: 2 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		OMFI-OPERATORS-REPORT-RECORD	GRP					1	168
03		OMFI-OR-REASON		A/N	X(1)			1	1
03		OMFI-OR-ADDRESSEE-ID		A/N	X(5)			2	6
03		OMFI-OR-ADDRESSEE-NAME		A/N	X(30)			7	36
03		OMFI-OR-ADDRESSEE-STREET		A/N	X(30)			37	66
03		OMFI-OR-ADDRESSEE-CITY		A/N	X(30)			67	96
03		OMFI-OR-ADDRESSEE-STATE		A/N	X(2)			97	98
03		OMFI-OR-ADDRESSEE-ZIP-CODE		A/N	X(5)			99	103
03		OMFI-OR-ADDRESSEE-PHONE	GRP					104	113
05		OMFI-OR-AREA-CODE		A/N	X(3)			104	106
05		OMFI-OR-PHONE-NUMBER		A/N	X(7)			107	113
03		OMFI-OR-CERTIFICATE-NUMBER		A/N	X(7)			114	120
03		OMFI-OR-PWS-ID		A/N	X(7)			121	127
03		OMFI-OR-OPERATOR-CLASS		A/N	X(1)	6		128	133

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Operators Report File	FILE ID: OMFI	RECORD NAME: OMFI-OPERATORS-REPORT-RECORD	PAGE: 3 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03		OMFI-OR-RENEWAL-DATE		N	9(5)			134	138
03		OMFI-OR-SORT-FIELD		A/N	X(30)			139	168

693

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) : Operator and Mailing	DATE: 1/12/77	EXHIBIT: OPER. 206
	RECORD TYPE: Fixed	PAGE: 1 OF 2
	RECORD SIZE: 144	
	RECORD ACCESS KEY: OMFI-DR-ADDRESSEE-ID	
INPUT TO SUBSYSTEM (S) : Operator and Mailing (Temporary File)		
FILE NAME: Distribution Report File / FILE ID: OMFI		RECORD NAME: OMFI-DISTRIBUTION-RECORD

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MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Distribution Report File	FILE ID: OMFI	RECORD NAME: OMFI-DISTRIBUTION-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		OMFI-DISTRIBUTION-RECORD	GRP					1	144
03		OMFI-DR-REASON		A/N	X(1)			1	1
03		OMFI-DR-ADDRESSEE-ID		A/N	X(5)			2	6
03		OMFI-DR-ADDRESSEE-TYPE		A/N	X(1)			7	7
03		OMFI-DR-ADDRESSEE-NAME		A/N	X(30)			8	37
03		OMFI-DR-ADDRESSEE-STREET		A/N	X(30)			38	67
03		OMFI-DR-ADDRESSEE-CITY		A/N	X(30)			68	97
03		OMFI-DR-ADDRESSEE-STATE		A/N	X(2)			98	99
03		OMFI-DR-ADDRESSEE-ZIP-CODE		A/N	X(5)			100	104
03		OMFI-DR-ADDRESSEE-PHONE	GRP					105	114
05		OMFI-DR-AREA-CODE		A/N	X(3)			105	107
05		OMFI-DR-PHONE-NUMBER		A/N	X(7)			108	114
05		OMFI-DR-SORT-FIELD		A/N	X(30)			115	144

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) : Operator and Mailing	**DATE:** 1/12/77 **EXHIBIT:** OPER. 207	
	RECORD TYPE: Fixed **RECORD SIZE:** 168	**PAGE:** 1 OF 2
	RECORD ACCESS KEY: OMFI-OD-SORT-FIELD	
INPUT TO SUBSYSTEM (S) : Operator and Mailing (Temporary File)		
FILE NAME: Operator's Report File	**FILE ID:** OMFI	**RECORD NAME:** OMFI-OPERATORS-DATE-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Operators Report File	FILE ID: OMFI	RECORD NAME: OMFI-OPERATORS-DATE-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		OMFI-OPERATORS-DATE-RECORD	GRP					1	168
03		OMFI-OD-REASON		A/N	X(1)			1	1
03		OMFI-OD-ADD-ID		A/N	X(5)			2	6
03		OMFI-OD-DATE		A/N	X(6)			7	12
03		OMFI-OD-REPORT-TITLE		A/N	X(30)			13	42
03		OMFI-OD-HEADER1		A/N	X(7)			43	49
03		OMFI-OD-HEADER2		A/N	X(7)			50	56
03		FILLER		A/N	X(82)			57	138
03		OMFI-OD-SORT-FIELD		A/N	X(30)			139	168

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

669

OUTPUT OF SUBSYSTEM (S) : Operator and Mailing	DATE: 1/12/77	EXHIBIT: OPER. 208
	RECORD TYPE: Fixed	PAGE: 1 OF 2
	RECORD SIZE: 144	
	RECORD ACCESS KEY: OMFI-DD-SORT-FIELD	
INPUT TO SUBSYSTEM (S) : Operator and Mailing (Temporary File)		
FILE NAME: Distribution Report File	FILE ID: OMFI	RECORD NAME: OMFI-DISTRIBUTION-DATE-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Distribution Report File	FILE ID: OMFI	RECORD NAME: OMFI-DISTRIBUTION-DATE-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		OMFI-DISTRIBUTION-DATE-RECORD	GRP					1	144
03		OMFI-DD-REASON		A/N	X(1)			1	1
03		OMFI-DD-ADD-ID		A/N	X(5)			2	6
03		OMFI-DD-DATE		A/N	X(6)			7	12
03		OMFI-DD-REPORT-TITLE		A/N	X(30)			13	42
03		OMFI-DD-HEADER1		A/N	X(7)			43	49
03		OMFI-DD-HEADER2		A/N	X(7)			50	56
03		FILLER		A/N	X(58)			57	114
03		OMFI-DD-SORT-FIELD		A/N	X(30)			115	144

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

701

OUTPUT OF SUBSYSTEM (S) :	DATE: 12/7/76	EXHIBIT: OPER.209
	RECORD TYPE: Fixed	PAGE: 1 OF 2
	RECORD SIZE: 80	
	RECORD ACCESS KEY: OMFI-OM10-PROC-ID	
INPUT TO SUBSYSTEM (S) : Operator and Mailing		
FILE NAME: Processing Options	FILE ID: OMFI	RECORD NAME: OMFI-OM10-PROC-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Processing Options	FILE ID: OMFI	RECORD NAME: OMFI-OM10-PROC-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		OMFI-OM10-PROC-RECORD	GRP					1	80
03		OMFI-OM10-PROC-ID		A/N	X(4)			1	4
03		OMFI-OM10-PROC-DATE		A/N	X(6)			5	10
03		OMFI-OM10-PROC-OUTPUT		A/N	X(1)			11	11
03		OMFI-OM10-PROC-FIELD-SELECT		A/N	X(1)			12	12
03		OMFI-OM10-PROC-SHF-REPORT		A/N	X(1)			13	13
03		FILLER		A/N	X(67)			14	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :	**DATE:** 12-8-76	**EXHIBIT:** OPER.210
	RECORD TYPE: Fixed **RECORD SIZE:** 80	**PAGE:** 1 OF 2
	RECORD ACCESS KEY: OMFI-OM20-PROC-ID	
INPUT TO SUBSYSTEM (S) : Operator and Mailing		
FILE NAME: Processing Options Temporary File	**FILE ID:** OMFI	**RECORD NAME:** OMFI-OM20-PROC-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Processing Options	FILE ID: OMFI	RECORD NAME: OMFI-OM20-PROC-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		OMFI-OM20-PROC-RECORD	GRP					1	80
03		OMFI-OM20-PROC-ID		A/N	X(4)			1	4
03		OMFI-OM20-PROC-DATE		A/N	X(6)			5	10
03		FILLER		A/N	X(3)			11	13
03		OMFI-OM20-PROC-CO-REPORT		A/N	X(1)			14	14
03		OMFI-OM20-PROC-MD-REPORT		A/N	X(1)			15	15
03		OMFI-OM20-PROC-ML-REPORT		A/N	X(1)			16	16
03		OMFI-OM20-PROC-NUMBER-LABELS		A/N	X(1)			17	17
03		FILLER		A/N	X(63)			18	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) : Operator and Mailing		**DATE:** 1/12/77	**EXHIBIT:** OPER.211
		RECORD TYPE: Fixed **RECORD SIZE:** 127	**PAGE:** 1 OF 2
		RECORD ACCESS KEY: OMFI-ML-ADDRESSEE-NAME	
INPUT TO SUBSYSTEM (S) : Operator and Mailing (Temporary File)			
FILE NAME: Mailing Label File	**FILE ID:** OMFI	**RECORD NAME:** OMFI-MAILING-LABEL-RECORD	

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Mailing Label File	FILE ID: OMFI	RECORD NAME: OMFI-MAILING-LABEL-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		OMFI-MAILING-LABEL-RECORD	GRP					1	127
03		OMFI-ML-ADDRESSEE-NAME		A/N	X(30)			1	30
03		OMFI-ML-ADDRESSEE-STREET		A/N	X(30)			31	60
03		OMFI-ML-ADDRESSEE-CITY		A/N	X(30)			61	90
03		OMFI-ML-ADDRESSEE-STATE		A/N	X(2)			91	92
03		OMFI-ML-ADDRESSEE-ZIP-CODE		A/N	X(5)			93	97
03		OMFI-ML-SORT-KEY		A/N	X(30)			98	127

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :	DATE: 12-8-76	EXHIBIT: OPER.212
	RECORD TYPE: Fixed RECORD SIZE: 80	PAGE: 1 OF 2
	RECORD ACCESS KEY: OMFI-SORT-ID	
INPUT TO SUBSYSTEM (S) : Operator and Mailing		
FILE NAME: Processing Options Temporary File	FILE ID: OMFI	RECORD NAME: OMFI-SORT-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Processing Options	FILE ID: OMFI	RECORD NAME: OMFI-SORT-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		OMFI-SORT-RECORD	GRP					1	80
03		OMFI-SORT-ID		A/N	X(4)			1	4
03		OMFI-SORT-INFORMATION	GRP			5		5	69
05		OMFI-SORT-SEQUENCE		A/N	X(2)				
05		OMFI-SORT-MNEMONIC		A/N	X(10)				
05		OMFI-SORT-MODE		A/N	X(1)				
03		FILLER		A/N	X(11)			70	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

709

OUTPUT OF SUBSYSTEM (S) :

DATE: 12-8-76

EXHIBIT: OPER.213

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 2

RECORD ACCESS KEY:

OMFI-SELECT-1-ID
OMFI-SELECT-1-DE-NO

INPUT TO SUBSYSTEM (S) :

Operator and Mailing

Temporary File

FILE NAME: Processing Options

FILE ID: OMFI

RECORD NAME: OMFI-SELECT-1-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Processing Options	FILE ID: OMFI	RECORD NAME: OMFI-SELECT-1-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		OMFI-SELECT-1-RECORD	GRP					1	80
03		OMFI-SELECT-1-ID		A/N	X(4)			1	4
03		OMFI-SELECT-1-MNEMONIC		A/N	X(10)			5	14
03		OMFI-SELECT-1-DE-VALUE		A/N	X(15)			15	29
03		OMFI-SELECT-1-DE-NO		A/N	X(2)			30	31
03		FILLER		A/N	X(49)			32	80

710

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

711

OUTPUT OF SUBSYSTEM (S) :

DATE: 12-8-76

EXHIBIT: OPER.214

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 2

RECORD ACCESS KEY:

OMFI-SELECT-2-ID

INPUT TO SUBSYSTEM (S) :

Operator and Mailing

Temporary File

FILE NAME: Processing Options

FILE ID: OMFI

RECORD NAME: OMFI-SELECT-2-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Processing Options	FILE ID: OMFI	RECORD NAME: OMFI-SELECT-2-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		OMFI-SELECT-2-RECORD	GRP					1	80
03		OMFI-SELECT-2-ID		A/N	X(4)			1	4
03		OMFI-SELECT-2-SYMBOL		A/N	X(2)	35		5	74
03		FILLER		A/N	X(6)			75	80

712

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) : Operator and Mailing	DATE: 1/12/77 RECORD TYPE: Fixed RECORD SIZE: 127	EXHIBIT: OPER.215 PAGE: 1 OF 2 RECORD ACCESS KEY:
INPUT TO SUBSYSTEM (S) : Operator and Mailing (Temporary File)		
FILE NAME: Mailing Label File	FILE ID: OMFI	RECORD NAME: OMFI-LABEL-DATE-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

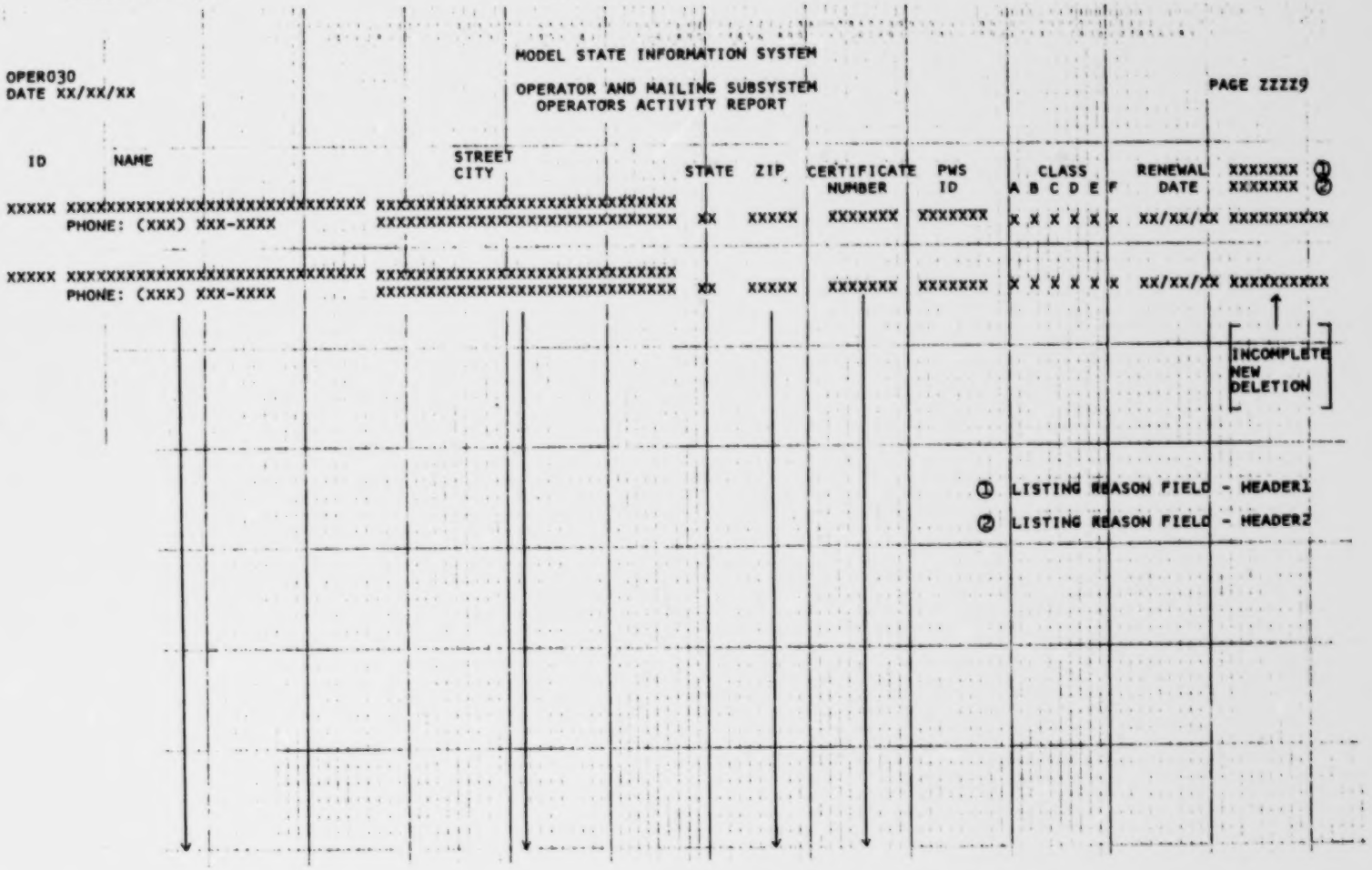
FILE NAME: Mailing Label File	FILE ID: OMFI	RECORD NAME: OMFI-LABEL-DATE-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		OMFI-LABEL-DATE-RECORD	GRP					1	127
03		OMFI-LD-NUMBER-OF-LABELS		A/N	X(1)			1	1
03		OMFI-LD-DATE		A/N	X(6)			2	7
03		FILLER		A/N	X(90)			8	97
03		OMFI-LD-SORT-FIELD		A/N	X(30)			98	127

OPER030 1 OF 1
11/15/76

OPERATOR REPORT PROGRAM
SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER
EXHIBIT OPER.300

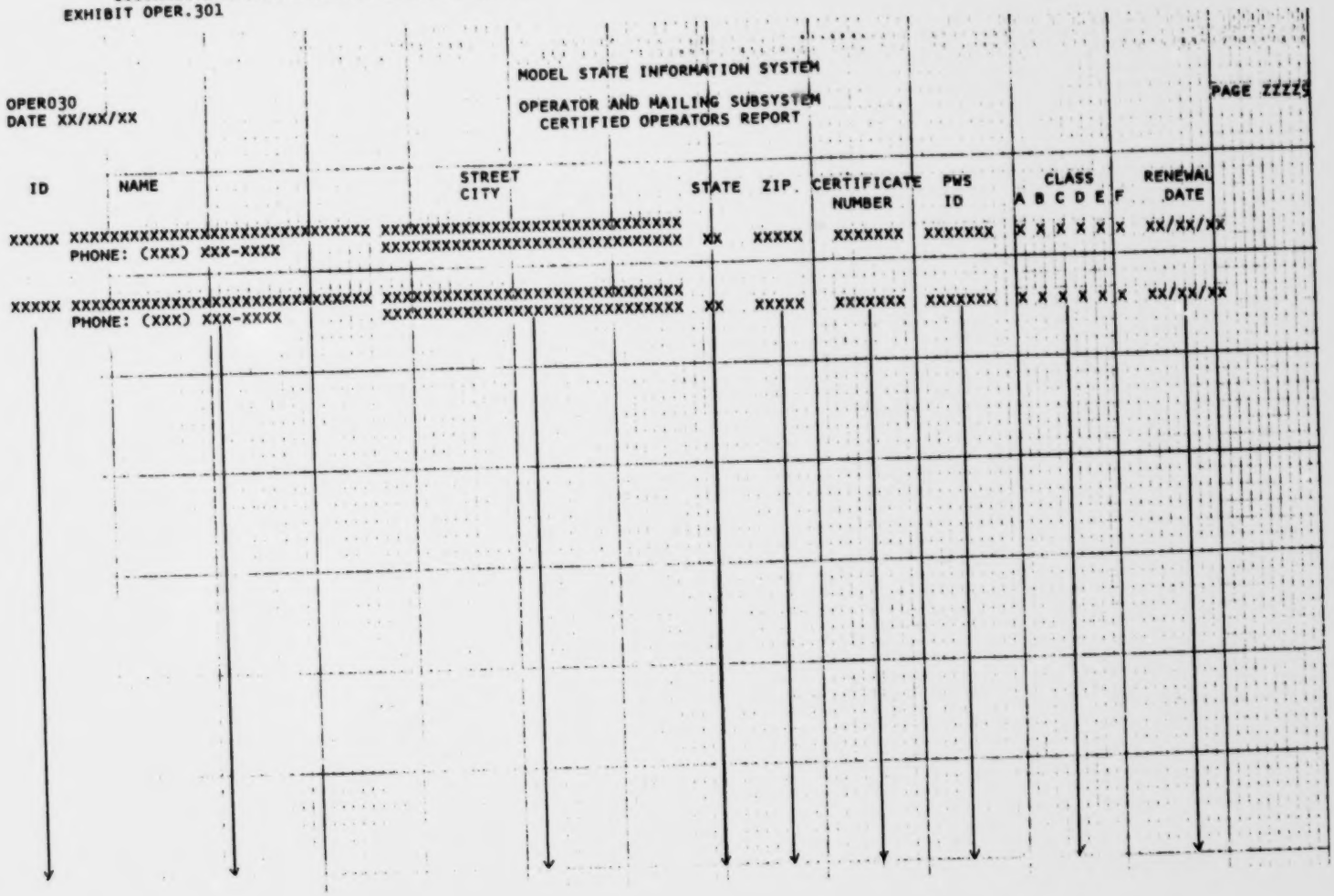


OPER030 1 OF 1
1/12/77

OPERATOR REPORT MODULE

SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER

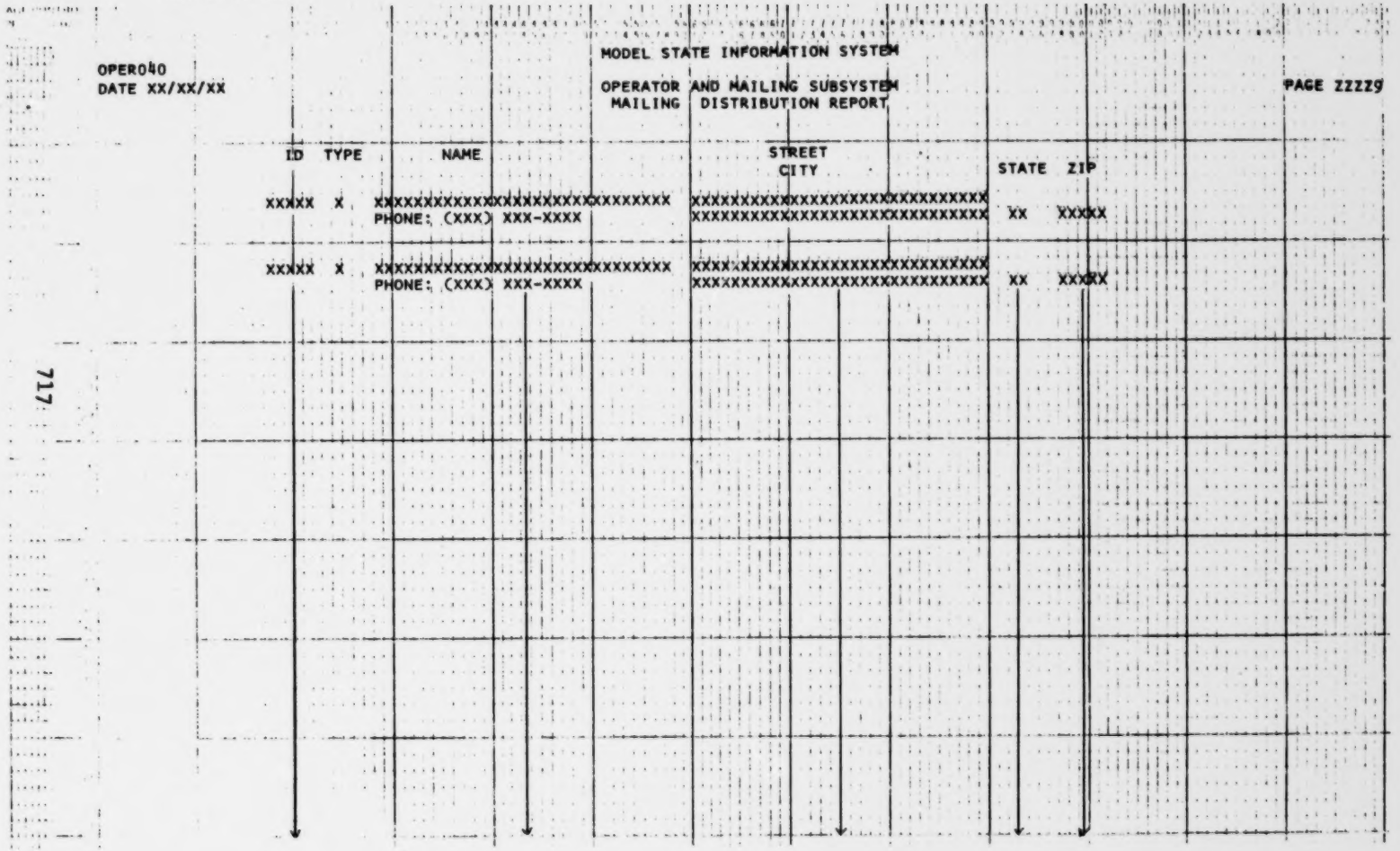
EXHIBIT OPER.301



OPER040 1 OF 1
1/12/77

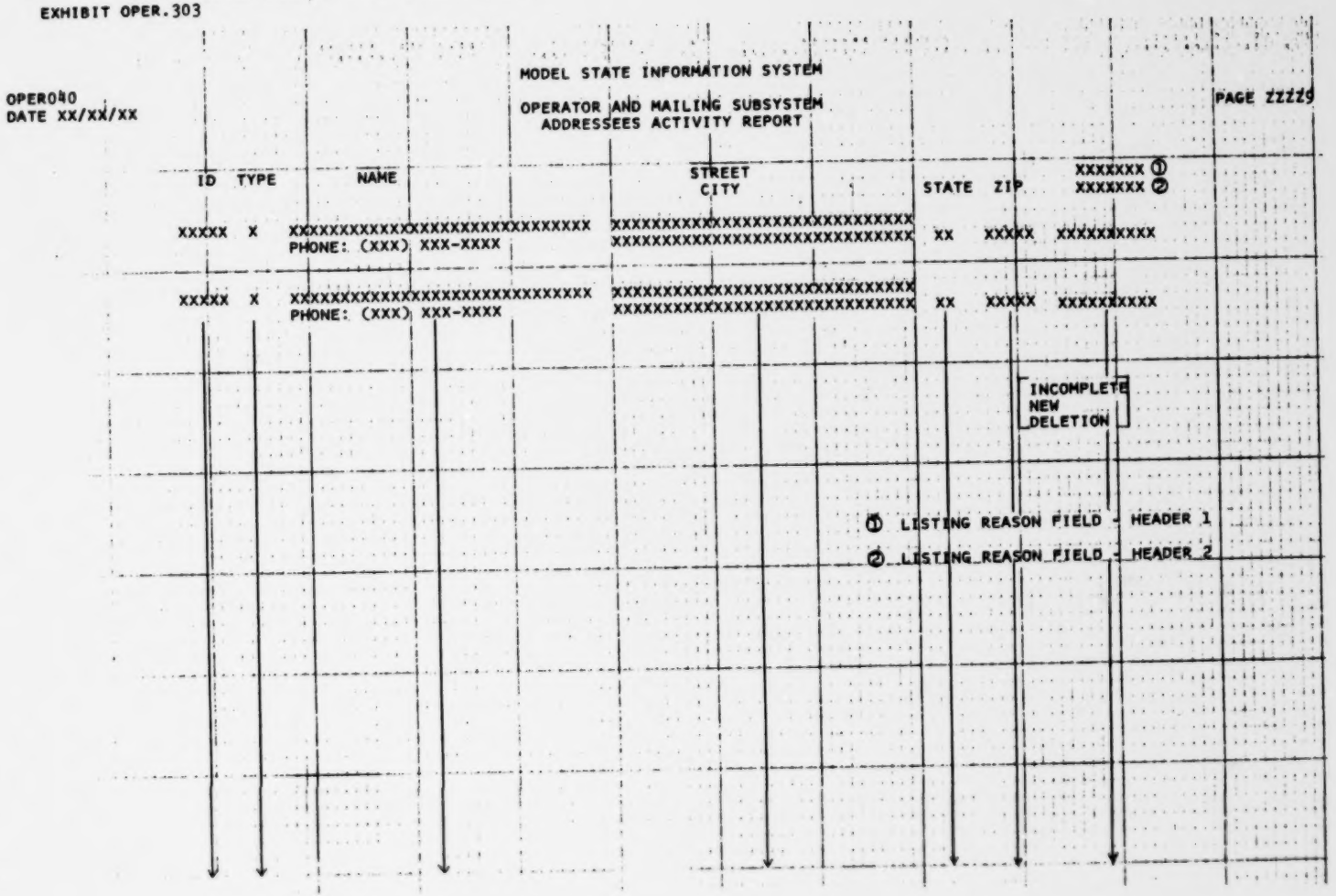
DISTRIBUTION REPORT MODULE
SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER

EXHIBIT OPER.302



OPER040 1 OF 1
1/12/77

DISTRIBUTION REPORT MODULE
SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER
EXHIBIT OPER.303

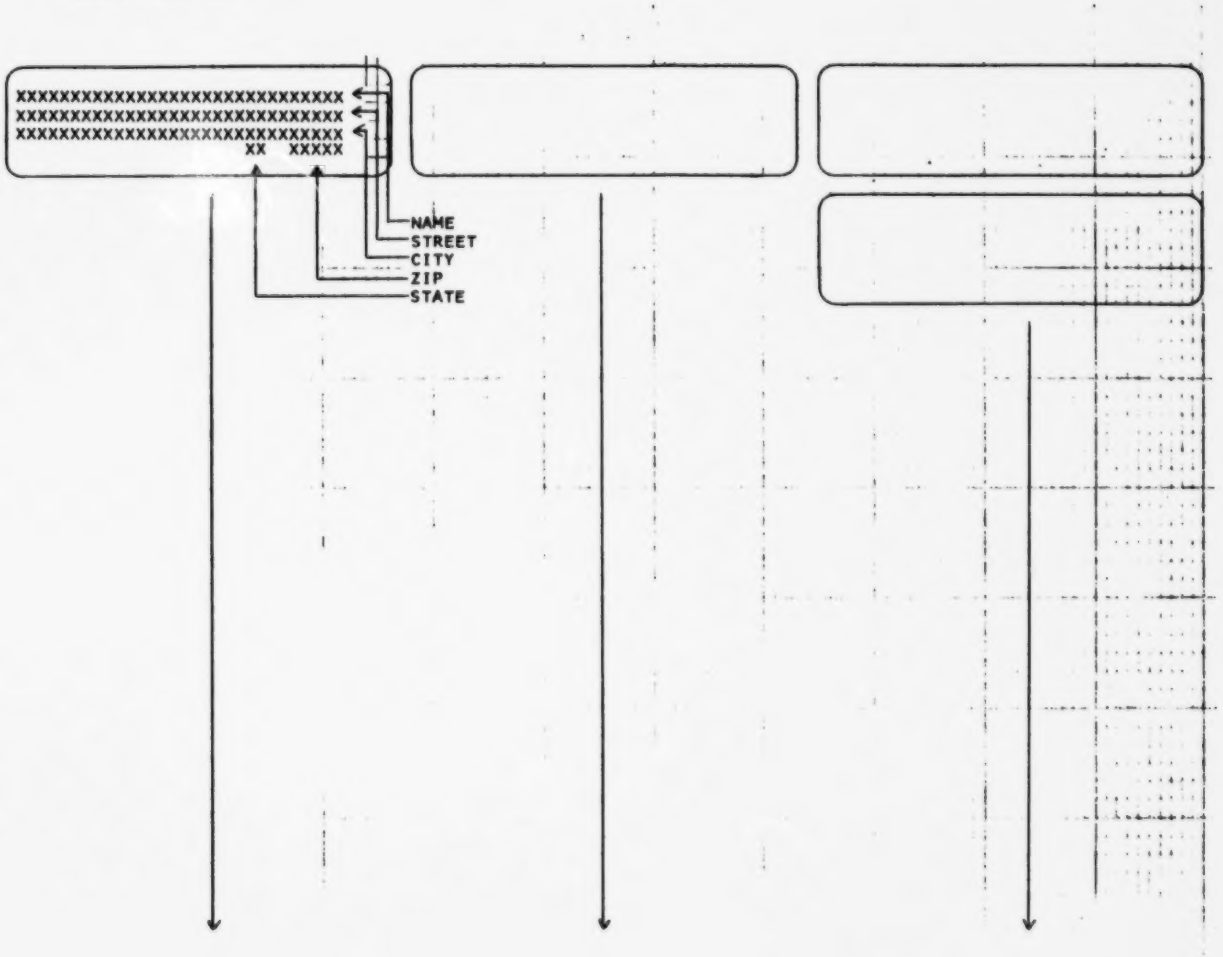


OPER050 1 OF 1
1/12/77

MAILING LABEL MODULE

SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER

EXHIBIT OPER.304



Appendices

Permanent Files and Tables Exhibit Number Reference

File Name	Mnemonic Name	Record Definition Exhibit #
Code Value Table	CVT	MSIS.206
Compliance Status File	CSF	WAQC.257
Data Element Table	DET	MSIS.201
Deviations File	DVF	FEDR.202
Enforcement Actions File	EAF	ENAC.202
Error Message Table	EMT	MSIS.205
Laboratory Table	LBT	WAQC.250 and 256
Optional Error File	OEF	MSIS.215
Operator and Mailing File	OMF	OPER.200
Periodic Sample File	PSF	WAQC.252
Public History File	PHF	PWSI.202
Public Water File	PWF	PWSI.200
Public Water Table	PWT	PWSI.201 and 234
Regulations File	RGF	REGS.250 through REGS.257
Sample Analysis File	SAF	WAQC.254
Standard Error File	SEF	MSIS.207
Standard History File	SHF	MSIS.202
Variances and Exemptions File	VEF	VAEX.212
Violations File	VIF	WAQC.255

Master File Record Creation and Maintenance Forms
Exhibit Number Reference

Subsystem	File Created	Input Form Exhibit #
PWSI	PWF	PWSI.400 and 401
REGS	RGF	REGS.101 through REGS.108
WAQC sample data	PSF	WAQC.106, 107, and 108 or WAQC.400, 401, and 402
laboratory data	LBT	WAQC.101 and 102
violations data	VIF	WAQC.119 and 120
MSIS	EMT, CVT, and DET	MSIS.102, 103, and 104
VAEX	VEF	VAEX.100, 101, and 107
ENAC	EAF	ENAC.101, 102, 103 and 104
OPER	OMF	OPER.100

NOTE: The other permanent files and tables* are generated automatically by MSIS program modules.

*PWT, PHF, DVF, SAF, CSF, SEF, OEF, and SHF

Input Forms and Corresponding Record Definitions

1. Public Water System Inventory Subsystem

Input Form Exhibit #	Corresponding Record Definition Exhibit #
PWSI.100	PWSI.239
PWSI.101	PWSI.212 and 240
PWSI.102	PWSI.203
PWSI.103	PWSI.209
PWSI.105	PWSI.205
PWSI.106	PWSI.208
PWSI.107	PWSI.207 and 236
PWSI.108	PWSI.210 and 237
PWSI.111	PWSI.211
PWSI.112	PWSI.235
PWSI.113	PWSI.238
PWSI.114	PWSI.213
PWSI.400	PWSI.213 through PWSI.225
PWSI.401	PWSI.226 through PWSI.233

2. Regulations Subsystem

Input Form Exhibit #	Corresponding Record Definition Exhibit #
REGS.100	REGS.210
REGS.101	REGS.200 and REGS.201
REGS.102	REGS.202
REGS.103	REGS.203
REGS.104	REGS.204
REGS.105	REGS.205
REGS.106	REGS.206
REGS.107	REGS.207
REGS.108	REGS.208
REGS.109	REGS.209

3. Water Quality Compliance Subsystem

Input Form Exhibit #	Corresponding Record Definition Exhibit #
WAQC.100	WAQC.200
WAQC.101	WAQC.201
WAQC.102	WAQC.202
WAQC.103	WAQC.203 and 209
WAQC.104	WAQC.204 and 212
WAQC.105	WAQC.205
WAQC.106	WAQC.206
WAQC.107	WAQC.206
WAQC.108	WAQC.207
WAQC.110	WAQC.210
WAQC.111	WAQC.214 and 236
WAQC.113	WAQC.215
WAQC.114	WAQC.244
WAQC.115	WAQC.233
WAQC.116	WAQC.237 and 240
WAQC.117	WAQC.238 and 241
WAQC.118	WAQC.222
WAQC.119	WAQC.223 and 224
WAQC.120	WAQC.223 and 225
WAQC.121	WAQC.218
WAQC.124	WAQC.245
WAQC.125	WAQC.246
WAQC.400	WAQC.206
WAQC.401	WAQC.206
WAQC.402	WAQC.207

4. Federal Reporting Subsystem

Input Form Exhibit #	Corresponding Record Definition Exhibit #
FEDR.100	FEDR.200

5. Standard Processing Subsystem

Input Form Exhibit #	Corresponding Record Definition Exhibit #
MSIS.100	MSIS.203
MSIS.101	MSIS.204
MSIS.102	MSIS.205
MSIS.103	MSIS.206
MSIS.104	MSIS.201
MSIS.106	MSIS.210
MSIS.107	MSIS.211
MSIS.108	MSIS.212

6. Variances and Exemptions Subsystem

Input Form Exhibit #	Corresponding Record Definition Exhibit #
VAEX.100	VAEX.200, 201, and 202
VAEX.101	VAEX.203, 204, and 205
VAEX.102	VAEX.206
VAEX.103	VAEX.207
VAEX.104	VAEX.214
VAEX.105	VAEX.215
VAEX.106	VAEX.216
VAEX.107	VAEX.200 and 202

7. Enforcement Actions Subsystem

Input Form Exhibit #	Corresponding Record Definition Exhibit #
ENAC.100	ENAC.201
ENAC.101	ENAC.204, 205 and 206
ENAC.102	ENAC.207 and 208
ENAC.103	ENAC.209
ENAC.104	ENAC.204 and 210
ENAC.105	ENAC.211
ENAC.106	ENAC.212
ENAC.107	ENAC.213
ENAC.108	ENAC.214

8. Sanitary Survey Subsystem

Input Form Exhibit #	Corresponding Record Definition Exhibit #
SRVY.100	SRVY.200
SRVY.101	SRVY.201

9. Operator and Mailing Susbystem

Input Form Exhibit #	Corresponding Record Definition Exhibit #
OPER.100	OPER.201, 202, 203, and 204
OPER.101	OPER.209
OPER.102	OPER.210
OPER.103	OPER.212
OPER.104	OPER.213
OPER.105	OPER.214

Processing Options

Module #	Input Form Exhibit #	Comments
PWSI010	PWSI.111	Options are passed to modules MSIS010, PWSI060, and PWSI070
PWSI020	PWSI.113	Options are passed to modules PWSI030, PWSI040, PWSI050, and PWSI060
PWSI030		Options received from module PWSI020
PWSI040		Options received from module PWSI020
PWSI050		Options received from module PWSI020
PWSI060		Options are received from modules PWSI010, PWSI020, and SRVY010
PWSI070	PWSI.106	Options are passed to module MSIS010
PWSI080	PWSI.101	
PWSI090	PWSI.103	
PWSI120	PWSI.112	
PWSI130	PWSI.101	
WAQC010	WAQC.103	Options are passed to module MSIS010
WAQC011	WAQC.111	
WAQC020	WAQC.103	Options are passed to module MSIS010
WAQC025	WAQC.121	Options are passed to mdoules WAQC031, WAQC032, WAQC033, WAQC034, WAQC035, WAQC036, WAQC037, and WAQC038.
WAQC031		Options are received from module WAQC025 and are passed to modules WAQC051 and WAQC080
WAQC032		Options are received from module WAQC025 and are passed to modules WAQC040 and WAQC060
WAQC033		Options are received from module WAQC025 and are passed to modules WAQC040 and WAQC060
WAQC034		Options are received from module WAQC025 and are passed to modules WAQC050 and WAQC070
WAQC035		Options are received from module WAQC025 and are passed to modules WAQC041 and WAQC061
WAQC036		Options are received from module WAQC025 and are passed to modules WAQC041 and WAQC061
WAQC037		Options are received from module WAQC025 and are passed to module WAQC090
WAQC038		Options are received from module WAQC025
WAQC040		Options are received from modules WAQC032 and WAQC033

WAQC041		Options are received from modules WAQC035 and WAQC036
WAQC050		Options are received from module WAQC034
WAQC051		Options are received from module WAQC031
WAQC060		Options are received from modules WAQC032 and WAQC033
WAQC061		Options are received from modules WAQC035 and WAQC036
WAQC070		Options are received from module WAQC034
WAQC080		Options are received from module WAQC031
WAQC090		Options are received from module WAQC037
WAQC100	WAQC.115	Options are passed to modules WAQC110, WAQC111, WAQC112, and WAQC113.
WAQC110		Options are received from module WAQC100
WAQC111		Options are received from module WAQC100
WAQC112		Options are received from module WAQC100
WAQC113		Options are received from module WAQC100
WAQC120	WAQC.118	Options are passed to modules MSIS010 and MSIS020
WAQC125	WAQC.111	
WAQC130	WAQC.114	Options are passed to modules WAQC140, WAQC150, WAQC170, WAQC180, and WAQC200
WAQC140		Options are received from module WAQC130
WAQC150		Options are received from module WAQC130
WAQC170		Options are received from module WAQC130
WAQC180		Options are received from module WAQC130
WAQC200		Options are received from module WAQC130
WAQC210	WAQC.100	Options are passed to module MSIS010
WAQC220	WAQC.113	
REGS010	REGS.100	Options are passed to module MSIS010
REGS020	REGS.109	
FEDR010	FEDR.100	Options are passed to module FEDR020
FEDR020		Options are received from module FEDR010

MSIS010		Options are received from modules PWSI010, PWSI070, WAQC010, WAQC020, WAQC120, WAQC210, REGS010, VAEX010, ENAC010, OPER010, and MSIS020
MSIS020		Options are received from modules WAQC120, VAEX010, ENAC010, and OPER010 and are passed to module MSIS010
MSIS030	MSIS.101	
MSIS040	MSIS.101	
MSIS050	MSIS.100	
VAEX010	VAEX.102	Options are passed to modules MSIS010, MSIS020, VAEX020, and VAEX030
VAEX020		Options are received from module VAEX010
VAEX030		Options are received from module VAEX010
VAEX040	VAEX.104	Options are passed to modules VAEX041 and VAEX050
VAEX041		Options are received from module VAEX040
VAEX050		Options are received from module VAEX040
ENAC010	ENAC.100	Options are passed to modules MSIS010 and MSIS020
ENAC020	ENAC.105	Options are passed to modules ENAC030 and ENAC040
ENAC030		Options are received from module ENAC020
ENAC040		Options are received from module ENAC020
OPER010	OPER.101	Options are passed to modules MSIS010 and MSIS020
OPER020	OPER.102	Options are passed to modules OPER030, OPER040, and OPER050
OPER030		Options are received from module OPER020
OPER040		Options are received from module OPER020
OPER050		Options are received from module OPER020
SRVY010	SRVY.100	Options are passed to modules PWSI060 and SRVY020
SRVY020		Options are received from module SRVY010

Restart Options

Module #	Document Involved	Input Form Exhibit #
PWSI060	PWSI Record Creation and Maintenance Form	PWSI.105
WAQC150	WAQC Chemical or Radiological Analysis Input Form	WAQC.125
WAQC170	WAQC Bacteriological or Turbidity Analysis Input Form	WAQC.125
WAQC180	WAQC Bacteriological or Turbidity Summary Analysis Input From	WAQC.125

Selection Options

Module #	File on which Selection is made	Input Form Exhibit #
PWSI020	PWF	PWSI.107 and 108
PWSI080	PHF	PWSI.107 and 108
WAQC100	SAF	WAQC.116 and 117
WAQC125	VIF	WAQC.116 and 117
MSIS040	SHF	MSIS.106 and 107
VAEX040	VEF	VAEX.106 and 107
ENAC020	EAF	ENAC.107 and 108
OPER020	OMF	OPER.104 and 105

NOTE: The other permanent files and tables* do not have an existant selection capability against them.

*PWT, RGF, DVF, PSF, CSF, LBT, SEF, OEF, CVT, DET, and EMT.

Sort Options

Input Form Exhibit #	Input to Module #	Report Affected Exhibit #	Output Of	Report Name
PWSI.100	PWSI030	PWSI.300	PWSI030	Condensed Report
PWSI.100	PWSI040	PWSI.302	PWSI040	Production Data Report
PWSI.100	PWSI050	PWSI.301	PWSI050	State Discretionary Data Report
PWSI.100	PWSI060	PWSI.303	PWSI060	Comprehensive Report
PWSI.100		PWSI.400 and PWSI.401	PWSI060	PWSI Record Creation and Maintenance Form
PWSI.100	PWSI070	PWSI.307	PWSI070	Public Water History Update Report
PWSI.100	PWSI080	PWSI.311	PWSI080	PHF Selection Report
WAQC.104	WAQC011	WAQC.303	WAQC011	Input Transactions Report - PSP
WAQC.104	WAQC040	WAQC.306	WAQC040	Chemical MCL Violations Report
WAQC.104	WAQC041	WAQC.308	WAQC041	Radiological MCL Violations Report
WAQC.104	WAQC050	WAQC.311	WAQC050	Bacteriological MCL Violations Report
WAQC.104	WAQC051	WAQC.312	WAQC051	Turbidity MCL Violations Report
WAQC.104	WAQC060	WAQC.311	WAQC060	Chemical MCL Violations Report
WAQC.104	WAQC061	WAQC.313	WAQC061	Radiological MCL Violations Report
WAQC.104	WAQC070	WAQC.307	WAQC070	Bacteriological Sampling Violations Report
WAQC.104	WAQC080	WAQC.308	WAQC080	Turbidity Sampling Violations Report
WAQC.104	WAQC090	WAQC.325	WAQC090	Late Monthly Operations Report
WAQC.104	WAQC110	WAQC.321	WAQC110	Chemical Analysis Summary Report
WAQC.104	WAQC111	WAQC.322	WAQC111	Radiological Analysis Summary Report
WAQC.104	WAQC112	WAQC.323	WAQC112	Bacteriological Analysis Summary Report
WAQC.104	WAQC113	WAQC.324	WAQC113	Turbidity Analysis Summary Report

MSIS.108	MSIS040	MSIS.307	MSIS040	Selection of Standard History File Report
VAEX.103	VAEX040	VAEX.306	VAEX041	Condensed Report
		VAEX.307 and VAEX.308	VAEX050	Case History Report
ENAC.106	ENAC020	ENAC.300	ENAC030	Case History Report
		ENAC.301	ENAC040	Condensed Report
OPER.103	OPER020	OPER.300	OPER030	Operator Activity Report
		OPER.301	OPER030	Certified Operators Report
		OPER.302	OPER040	Mailing Distribution Report
		OPER.303	OPER040	Addressed Activity Report
		OPER.304	OPER050	Mailing Labels
SRVY.101	SRVY010	SRVY.300	SRVY020	Priority Report
		SRVY.301	SRVY020	Schedule Report

Permanent File and Table Copy's for Record Definitions and File Descriptions

File ID	File Description Copy Name	Record Definition Copy Name
CSF	FDSCF	RECCSF
CVT	FD80LAB	RECCVT, RECCVTOM, RECCVTRG
DET	FD80LAB	RECDET, RECDETPW
DVF	FDDVF	
EAF	FDEAF	RECEAF
EMT	FD80LAB	RECEMT
LBT	FDLBT	RECLBT
OEF	FD80LAB	RECOEF
OMF	FDOMF	RECOMF
PHF	FDPW202	RECPW202
PSF	FDPSF142	RECPSF
PWF	FDPWS200	RECPW200
PWT	FDPWS201	RECPW202
RGF	FDRGF	RECRGF
SAF	FDSAF	RECSAF
SEF	FDSEF	RECSEF
SHF	FD80LAB	RECSHF
VEF	FDVEF	RECVEF
VIF	FDVIF	RECVIF